

EP 1 074 617 A2

R-MAMMA1001073

5 R-MAMMA1001074//Homo sapiens BAC clone NH0400O10 from Y, complete sequence.//8.6e-33:457:69//AC006040

10 R-MAMMA1001075//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//0.15:325:62//AC004605

15 R-MAMMA1001078//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence.//1.6e-45:344:84//AC005609

R-MAMMA1001082//Human genomic DNA sequence from clone 308O1 on chromosome Xp11.3-11.4. Contains EST, CA repeat, STS, GSS, CpG island.//8.5e-15:413:64//Z93403

20 R-MAMMA1001091//Sequence 7 from patent US 5468610.//0.0027:159:64//I15499

R-MAMMA1001092//Homo sapiens chromosome 17, clone hRPK.372_K_20, complete sequence.//2.0e-51:267:82//AC005951

25 R-MAMMA1001105//Homo sapiens DNA sequence from PAC 119E23 on chromosome Xq25-q27.1. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2),5'UTR. ESTs, STS.//6.9e-22:178:85//Z99570

30 R-MAMMA1001110//Homo sapiens chromosome 17, clone HRPC1169K15, complete sequence.//3.0e-19:141:81//AC003963

35 R-MAMMA1001126//Human DNA from overlapping chromosome 7 PAC and P1 clones containing the XRCC2 gene, genomic sequence, complete sequence.//2.2e-46:462:75//AC003109

40 R-MAMMA1001133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 120G22, WORKING DRAFT SEQUENCE.//1.8e-68:455:86//AL031847

45 R-MAMMA1001139//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//7.1e-09:100:84//AL022345

50 R-MAMMA1001143//Papio hamadryas lipoprotein lipase (LPL) gene, intron 7.//1.9e-49:362:85//U73684

R-MAMMA1001145//Homo sapiens chromosome 17, clone hRPK.235_I_10, complete sequence.//9.5e-49:512:74//AC005922

55 R-MAMMA1001154//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-88D1 @complete genomic sequence, complete sequence.//1.5e-29:305:76//AC002289

EP 1 074 617 A2

R-MAMMA1001161//Human DNA sequence from clone 681J21 on chromosome 1q23.2-24.3
Contains CpG island, complete sequence.//1.1e-64:339:90//AL031286

5 R-MAMMA1001162//Human DNA from cosmid DNA MMDB (f10080) and MMDC (f13544) from
chromosome 19q13.3 (obtained by automated sequence analysis).//3.4e-09:243:64//M89651

10 R-MAMMA1001181//Human Chromosome X clone bW XD173, WORKING DRAFT
SEQUENCE, 2 ordered pieces.//3.7e-29:351:74//AC004387

15 R-MAMMA1001186//Homo sapiens chromosome 19, cosmid R28778, complete
sequence.//2.2e-25:415:68//AC006125

R-MAMMA1001191//Homo sapiens T-cell receptor alpha delta locus from bases 1000498 to
1071650 (section 5 of 5) of the Complete Nucleotide Sequence.//0.99:243:61//AE000662

20 R-MAMMA1001198//Mus musculus eps15R mRNA, complete cds.//8.0e-57:223:86//U29156

R-MAMMA1001202//Mus musculus clone OST13722, genomic survey sequence.//1.0e-30:
220:85//AF046748

25 R-MAMMA1001203//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING
DRAFT SEQUENCE, 2 ordered pieces.//8.9e-61:567:78//AC005412

30 R-MAMMA1001206//Homo sapiens chromosome 5, P1 clone 854b11 (LBNL H44), complete
sequence.//4.6e-08:442:61//AC004763

35 R-MAMMA1001215//Homo sapiens chromosome 19, CIT-HSP BAC 470n8, complete
sequence.//1.3e-117:564:97//AC005393

40 R-MAMMA1001220//HS-1023-A1-G10-MR.abi CIT Human Genomic Sperm Library C Homo
sapiens genomic clone Plate=CT 802 Col=19 Row=M, genomic survey sequence.//6.0e-16:
276:68//B33708

45 R-MAMMA1001222//F17E12TFB IGF Arabidopsis thaliana genomic clone F17E12, genomic
survey sequence.//0.041:277:61//B97762

R-MAMMA1001243

50 R-MAMMA1001244//HS-1058-A2-G01-MF.abi CIT Human Genomic Sperm Library C Homo-
sapiens genomic clone Plate=CT 780 Col=2 Row=M, genomic survey sequence.//3.5e-05:
104:74//B43862

55 R-MAMMA1001249//H.sapiens DNA for matrix attachment region.//0.0013:95:75//Z54221

R-MAMMA1001256//Human BAC clone GS188P18, complete sequence.//3.4e-32:356:
74//AC000115

EP 1 074 617 A2

R-MAMMA1001259

5 R-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds.//6.3e-20:226:75//AB014561

10 R-MAMMA1001268//Human DNA sequence from PAC 225D2 on chromosome Xq21. Contains ESTs, CA repeat.//1.1e-47:352:85//Z95124

R-MAMMA1001271

15 R-MAMMA1001274//H.sapiens DNA for trapped exon (ID HMC07C06), genomic survey sequence.//3.1e-40:232:93//X88457

20 R-MAMMA1001280//Homo sapiens full-length insert cDNA clone YW26C09.//1.9e-112:574:95//AF087976

25 R-MAMMA1001292//Human DNA sequence from clone 1170K4 on chromosome 22q12.2-13.1. Contains three novel genes, one of which codes for a Trypsin family protein with class A LDL receptor domains, and the IL2RB gene for Interleukin 2 Receptor, Beta (IL-2 Receptor, CD122 antigen). Contains a putative CpG island, ESTs, and GSSs, complete sequence.//2.9e-114:582:96//AL022314

30 R-MAMMA1001296//Human DNA sequence from PAC 487J7 on chromosome 6q21-22.1. Contains an unknown gene coding for three alternative mRNAs. Contains ESTs, STSs, a BAC end-sequence (GSS) and a CA repeat polymorphism.//1.9e-64:268:88//AL008730

35 R-MAMMA1001298//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//1.5e-38:306:83//AC005703

40 R-MAMMA1001305//Human DNA sequence from PAC 127B20 on chromosome 22q11.2-qter, contains gene for GTPase-activating protein similar to rhoGAP protein. ribosomal protein L6 pseudogene, ESTs and CA repeat.//1.5e-37:306:82//Z83838

45 R-MAMMA1001322//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs, complete sequence.//2.4e-15:260:71//AL022398

50 R-MAMMA1001324//Homo sapiens chromosome 19, cosmid F23269, complete sequence.//4.0e-06:90:83//AC005614

55 R-MAMMA1001330//Human BAC clone RG066D11 from 7q22, complete sequence.//1.4e-45:439:74//AC002430

EP 1 074 617 A2

R-MAMMA1001341//Human DNA sequence from PAC 211D12 on chromosome 20q12-13.2. Contains Krs-2, K⁺ channel protein, stress responsive.//1.3e-24:137:81//Z93016

5 R-MAMMA1001343//Human Chromosome 16 BAC clone CIT987SK-A-17E1, complete sequence.//5.4e-51:197:89//AC002041

10 R-MAMMA1001346//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-233A8, complete sequence.//0.99:182:64//AC004685

15 R-MAMMA1001383//Homo sapiens clone 82F9, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.9e-42:303:86//AC004815

R-MAMMA1001388//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE.//1.5e-44:324:83//AL021707

20 R-MAMMA1001397//Homo sapiens genomic DNA, chromosome 21q11.1, segment 15/28, WORKING DRAFT SEQUENCE.//2.0e-39:254:89//AP000044

25 R-MAMMA1001408//Homo sapiens chromosome 12q24.1, WORKING DRAFT SEQUENCE, 33 unordered pieces.//9.4e-36:251:88//AC005805

30 R-MAMMA1001411//T15F1-T7.1 TAMU Arabidopsis thaliana genomic clone T15F1, genomic survey sequence.//1.0:98:71//AQ248928

R-MAMMA1001419//Homo sapiens translation initiation factor 4e mRNA, complete cds.//4.8e-18:117:96//AF038957

35 R-MAMMA1001420//Homo sapiens chromosome 5, P1 clone 1041F10 (LBNL H88), complete sequence.//2.8e-09:377:63//AC005179

40 R-MAMMA1001435//S.pombe chromosome I cosmid c26H5.//1.0:356:59//Z99126

R-MAMMA1001442//Homo sapiens chromosome 4 clone B150J4 map 4q25, complete sequence.//3.4e-17:259:72//AC004047

45 R-MAMMA1001446//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//2.9e-17:231:71//AC004491

50 R-MAMMA1001452//Human DNA sequence from clone 452M16 on chromosome Xq21.1-21.33 Contains capping protein alpha subunit isoform 1 pseudogene, STS, GSS, and CA repeat, complete sequence.//6.1e-50:558:73//AL024493

55 R-MAMMA1001465//cSRL-2F3-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-2F3, genomic survey sequence.//3.0e-23:141:96//B04295

R-MAMMA1001476//Mus musculus uridine kinase mRNA, partial cds.//3.4e-09:309:

EP 1 074 617 A2

64//L31783

5 R-MAMMA1001487//Homo sapiens chromosome 17, clone hRPC.1108_L_11, complete sequence.//5.1e-30:286:79//AC005206

R-MAMMA1001501

10 R-MAMMA1001502//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B7, WORKING DRAFT SEQUENCE.//4.3e-19:349:64//AL031714

R-MAMMA1001510

15 R-MAMMA1001522//Homo sapiens chromosome 5, BAC clone 24h24 (LBNL H194), complete sequence.//1.5e-09:136:75//AC005352

20 R-MAMMA1001547//Human Chromosome X, complete sequence.//3.5e-40:300:84//AC002418

25 R-MAMMA1001551//Human DNA sequence from PAC 426I6 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat.//1.1e-57:282:89//AL020997

R-MAMMA1001575

30 R-MAMMA1001576//Human gamma-tubulin mRNA, complete cds.//7.6e-60:530:78//M61764

35 R-MAMMA1001590//Homo sapiens Bruton's tyrosine kinase (BTK), alpha-D-galactosidase A (GLA), L44-like ribosomal protein (L44L) and FTP3 (FTP3) genes, complete cds.//1.3e-29:161:86//U78027

40 R-MAMMA1001600//Homo sapiens 12q24 PAC RPCI1-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//2.1e-18:390:66//AC004216

45 R-MAMMA1001604//Human DNA sequence from clone 1042K10 on chromosome 22q13.1-13.2. Contains the ADSL gene for Adenylosuccinate lyase (EC 4.3.2.2, Adenylosuccinase, ASL) and 4 novel genes (one with probable rabGAP domains and Src homology domain 3). Contains ESTs, STSs, GSSs and a putative CpG island, complete sequence.//1.0:227:62//AL022238

50 R-MAMMA1001606//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//1.3e-17:219:69//AL031985

55 R-MAMMA1001620//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//2.1e-51:298:84//AL031650

R-MAMMA1001627//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone

EP 1 074 617 A2

229A8, WORKING DRAFT SEQUENCE.//7.8e-45:328:85//Z86090

- 5 R-MAMMA1001630//, complete sequence.//2.5e-08:170:72//AC005399
- R-MAMMA1001633//Homo sapiens chromosome 10 clone CIT987SK-1057L21 map 10q25, complete sequence.//2.2e-21:241:70//AC005386
- 10 R-MAMMA1001635//Homo sapiens DNA sequence from PAC 230G1 on chromosome Xp11.3. Contains EST, STS and GSS, complete sequence.//1.1e-32:346:74//Z84466
- R-MAMMA1001649
- 15 R-MAMMA1001663//Homo sapiens clone 162B15, complete sequence.//9.4e-68:267:89//AC004811
- 20 R-MAMMA1001670//Human DNA sequence from PAC 75N13 on chromosome Xq21.1. Contains ZNF6 like gene, ESTs, STSs and CpG islands.//1.7e-49:322:88//Z82216
- 25 R-MAMMA1001671//Homo sapiens chromosome 19, cosmid F23269, complete sequence.//2.4e-114:575:96//AC005614
- R-MAMMA1001679//CIT-HSP-2335N4.TF CIT-HSP Homo sapiens genomic clone 2335N4, genomic survey sequence.//2.4e-82:400:99//AQ037393
- 30 R-MAMMA1001683//Homo sapiens Chromosome 7 BAC Clone 239c10, WORKING DRAFT SEQUENCE, 9 unordered pieces.//5.7e-47:533:72//AC004166
- 35 R-MAMMA1001686//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//6.6e-12:194:72//AC005261
- 40 R-MAMMA1001692//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//9.6e-44:414:77//AL022345
- R-MAMMA1001711//Homo sapiens clone BAC 9H13 chromosome 8 map 8q21, complete sequence.//3.1e-31:436:70//AF110324
- 45 R-MAMMA1001715//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 73E16, WORKING DRAFT SEQUENCE.//8.8e-76:524:84//Z95330
- 50 R-MAMMA1001730
- R-MAMMA1001735//Cricetulus griseus (chinese hamster) mRNA for beta tubulin (clone B9T), partial.//2.7e-13:382:63//X60786
- 55 R-MAMMA1001740//Homo sapiens genomic DNA, chromosome 21q11.1, segment 21/28, WORKING DRAFT SEQUENCE.//3.9e-47:318:87//AP000050

EP 1 074 617 A2

- 5 R-MAMMA1001743//Homo sapiens clone DJ0981O07, complete sequence.//4.0e-108:566:95//AC006017
- R-MAMMA1001744
- 10 R-MAMMA1001745//Homo sapiens BAC clone 529F11 from 8q21, complete sequence.//3.5e-113:564:97//AF070718
- 15 R-MAMMA1001751//Homo sapiens chromosome 19, cosmid R27328, complete sequence.//3.6e-30:312:75//AC005625
- R-MAMMA1001754//Bos taurus vacuolar proton pump subunit SFD alpha isoform (SFD) mRNA, complete cds.//4.7e-34:320:77//AF041338
- 20 R-MAMMA1001757//Homo sapiens chromosome 17, clone hRPC.4_G_17, complete sequence.//4.7e-10:244:67//AC003688
- 25 R-MAMMA1001760//RPCI11-38L16.TV RPCI-11 Homo sapiens genomic clone RPCI-11-38L16, genomic survey sequence.//1.3e-10:236:64//AQ029432
- 30 R-MAMMA1001764//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.74:361:60//AC005140
- R-MAMMA1001768//Homo sapiens chromosome 17, clone hRPK.147_L_13, complete sequence.//1.6e-42:416:76//AC005332
- 35 R-MAMMA1001769//Homo sapiens chromosome 17, clone hRPC.1073_F_15, complete sequence.//1.4e-13:129:83//AC004686
- 40 R-MAMMA1001771//M.musculus mRNA for semaphorin B.//1.1e-34:530:69//X85991
- R-MAMMA1001783//Homo sapiens Chromosome 2 BAC Clone 376a1, WORKING DRAFT SEQUENCE, 17 unordered pieces.//1.1e-42:282:85//AC000360
- 45 R-MAMMA1001785//Human chromosome 16p13.11 BAC clone CIT987SK-98H8 complete sequence.//3.0e-49:282:86//U91319
- 50 R-MAMMA1001788
- R-MAMMA1001790//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//9.8e-43:530:71//AC004913
- 55 R-MAMMA1001806//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-319E8, complete sequence.//1.8e-43:324:79//AC004020

EP 1 074 617 A2

R-MAMMA1001812//Plasmodium falciparum chromosome 2, section 69 of 73 of the complete sequence.//0.65:183:63//AE001432

5 R-MAMMA1001815//Homo sapiens clone GS223D04, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.1e-10:417:62//AC005018

10 R-MAMMA1001817//Homo sapiens Xp22-83 BAC GSHB-324M7 (Genome Systems Human BAC Library) complete sequence.//2.6e-40:313:84//AC005859

R-MAMMA1001818

15 R-MAMMA1001820//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces.//2.2e-45:340:82//AC004086

20 R-MAMMA1001824//Homo sapiens clone DJ1107K15, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.9e-53:291:85//AC004966

25 R-MAMMA1001836//HS_3164_B1_A02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3164 Col=3 Row=B, genomic survey sequence.//6.5e-08:79:89//AQ185484

30 R-MAMMA1001837//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and R32804, complete sequence.//8.4e-55:309:85//AC003682

R-MAMMA1001848//Homo sapiens PAC clone DJ0296G17 from Xq23, complete sequence.//1.6e-16:125:90//AC006144

35 R-MAMMA1001851//Genomic sequence from Human 9q34, WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.4e-50:516:74//AC002099

40 R-MAMMA1001854//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-575C2, complete sequence.//1.7e-38:308:82//AC002425

45 R-MAMMA1001858//Human Xq13 3' end of PAC 92E23 containing the X inactivation transcript (XIST) gene, complete sequence.//6.5e-50:283:86//U80460

R-MAMMA1001864//Human Chromosome 15q26.1 PAC clone pDJ398g19, WORKING DRAFT SEQUENCE, 21 unordered pieces.//3.4e-36:224:86//AC005143

50 R-nnnnnnnnnnn//Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence.//1.4e-11:495:63//AE001417

55 R-MAMMA1001874//Human chromosome 1 BAC 308G1 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.2e-42:446:76//AC003117

R-MAMMA1001878//Human DNA sequence from PAC 431A14 on chromosome 6p21.

EP 1 074 617 A2

Contains CYCLOPHILIN (PEPTIDYLPROLYL ISOMERASE) like and CIP1 (WAF1, CDKNA1, CDKN1, MDA-6, SDI1, PIC1, CAP20) genes. Contains probable GTPase and receptor genes and ESTs, STSs and CpG islands.//6.9e-44:391:78//Z85996

5

R-MAMMA1001880//Human DNA sequence from fosmid F77D12 on chromosome 22q12-qter contains ESTs, tRNA.//1.3e-15:181:76//Z82097

10

R-MAMMA1001890//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-670B5 @complete genomic sequence, complete sequence.//1.7e-43:283:86//AC002303

15

R-MAMMA1001907//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 385E7, WORKING DRAFT SEQUENCE.//1.4e-48:420:79//AL031720

20

R-nnnnnnnnnnn//Saccharomyces cerevisiae chromosome IV cosmid 9481.//2.9e-14:505:60//U28373

R-MAMMA1001931//Homo sapiens NACP/alpha-synuclein gene, allele A0, intron 4, partial sequence.//0.51:162:63//AF041008

25

R-MAMMA1001956//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING DRAFT SEQUENCE.//1.4e-51:422:79//AL034380

30

R-MAMMA1001963//Homo sapiens clone HS19.3 Alu-Ya5 sequence.//1.9e-31:163:91//AF015149

35

R-MAMMA1001969//Human DNA from chromosome 19 cosmid F19410, genomic sequence, complete sequence.//8.7e-10:186:76//AC002128

R-MAMMA1001970//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//1.0e-62:298:86//AC003071

40

R-MAMMA1001992//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.8e-44:525:72//AC004581

45

R-MAMMA1002009//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 109G6, WORKING DRAFT SEQUENCE.//1.4e-43:282:79//AL023879

R-MAMMA1002011

50

R-MAMMA1002032//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING DRAFT SEQUENCE.//1.1e-39:310:84//AL031284

55

R-MAMMA1002033//Homo sapiens chromosome 5, Pac clone 162o17 (LBNL H147), complete sequence.//2.5e-17:170:81//AC003954

R-MAMMA1002041//Homo sapiens PAC clone DJ0728D04, complete sequence.//8.7e-79:

EP 1 074 617 A2

296:85//AC004865

5 R-MAMMA1002042//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence.//8.8e-46:386:80//J91318

10 R-MAMMA1002047//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence.//1.9e-32:326:75//J91318

R-MAMMA1002056//Homo sapiens chromosome 17, clone hRPK.506_H_21, complete sequence.//6.6e-48:367:82//AC005962

15 R-MAMMA1002058//Homo sapiens clone RG038K21, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.25:139:69//AC005052

20 R-MAMMA1002068//Homo Sapiens Chromosome X clone bWXD171, WORKING DRAFT SEQUENCE, 1 ordered pieces.//2.2e-45:406:78//AC004676

25 R-MAMMA1002078//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//2.3e-22:357:64//AC005291

R-MAMMA1002082//Homo sapiens PAC clone 278C19 from 12q, complete sequence.//2.5e-38:304:82//AC004263

30 R-MAMMA1002084//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1174N9, WORKING DRAFT SEQUENCE.//8.9e-41:319:83//AL031602

35 R-MAMMA1002093//CIT-HSP-2060J9.TF CIT-HSP Homo sapiens genomic clone 2060J9, genomic survey sequence.//9.7e-17:129:88//B69983

R-MAMMA1002108

40 R-MAMMA1002118//Human DNA sequence from cosmid E116C6, on chromosome 22 Contains ESTs, complete sequence.//0.94:168:64//Z73495

45 R-MAMMA1002125//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//4.8e-40:313:83//AC005670

50 R-MAMMA1002132//Homo sapiens PAC clone DJ1059M17 from 7q21-q31.1, complete sequence.//2.0e-70:461:83//AC004953

55 R-MAMMA1002140//Human DNA sequence from PAC 465G10 on chromosome X contains Menkes Disease (ATP7A) putative Cu⁺⁺-transporting P-type ATPase exons 2 to 21, PGAM-B, ESTs.//1.1e-32:477:73//Z94801

R-MAMMA1002143//Homo sapiens platelet-activating factor acetylhydrolase gene, promoter

EP 1 074 617 A2

region and exon 1.//6.6e-06:130:73//AF027357

5 R-MAMMA1002145//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING DRAFT SEQUENCE.//6.0e-19:242:73//AL031447

10 R-MAMMA1002153//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0281M17; HTGS phase 1, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.1e-51:291:75//AC006052

15 R-MAMMA1002155//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 608E8, WORKING DRAFT SEQUENCE.//1.2e-53:461:79//AL022343

R-MAMMA1002156//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter, complete sequence.//5.1e-37:305:82//AC004997

20 R-MAMMA1002158//Human DNA sequence from clone 1049G16 on chromosome 20q12-13.2 Contains gene similar to GLUCOSAMINE-6-SULFATASE, a nuclear receptor coactivator gene, ESTs, STSs, GSSs, complete sequence.//8.1e-34:296:81//AL034418

25 R-MAMMA1002170//Human DNA sequence from clone 1163J1 on chromosome 22q13.2-13.33. Contains the 3' part of a gene for the ortholog of mouse transmembrane receptor Celsr1, a novel gene for a protein similar to C. elegans B0035.16 and bacterial tRNA (5-Methylaminomethyl-2-thiouridylate)-Methyltransferases, and the 3' part of a novel gene for a protein similar to mouse B99. Contains ESTs, GSSs and putative CpG islands, complete
30 sequence.//7.9e-39:332:82//AL031588

35 R-MAMMA1002174//Homo sapiens chromosome 10 clone CIT987SK-1109P11, complete sequence.//4.4e-12:189:72//AC005871

40 R-MAMMA1002198//Homo sapiens clone DJ0800G07, complete sequence.//1.1e-48:338:81//AC004890

R-MAMMA1002209//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//1.2e-23:269:74//AC005821

45 R-MAMMA1002215//Homo sapiens clone GS250N06, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.2e-12:243:68//AC005158

50 R-MAMMA1002219//Homo sapiens 12p13.3 RPCI4-773N5 (Roswell Park Cancer Institute Human PAC library) complete sequence.//3.3e-45:295:88//AC004802

55 R-MAMMA1002230//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//7.3e-41:385:78//AL034379

R-MAMMA1002236//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds.//7.3e-45:363:79//U38253

EP 1 074 617 A2

- 5 R-MAMMA1002243//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//2.8e-119:582:98//AC005666
- R-MAMMA1002250//Homo sapiens chromosome 16, P1 clone 109-9G (LANL), complete sequence.//4.7e-42:319:84//AC005600
- 10 R-MAMMA1002267//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//1.5e-33:571:67//AC006120
- 15 R-MAMMA1002268//Mus musculus sphingosine kinase (SPHK1b) mRNA, complete cds.//2.3e-35:462:70//AF068749
- R-MAMMA1002269//345I17.TV CIT978SKA1 Homo sapiens genomic clone A-345I17, genomic survey sequence.//4.7e-05:153:69//B15590
- 20 R-MAMMA1002282//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 112K5, WORKING DRAFT SEQUENCE.//8.5e-37:467:71//Z85987
- 25 R-MAMMA1002292//Hordeum vulgare lipoxygenase 2 (LoxC) mRNA, complete cds.//0.074:178:61//L37358
- 30 R-MAMMA1002293//Homo sapiens chromosome 16, cosmid clone RT167 (LANL), complete sequence.//5.8e-26:355:71//AC005568
- R-MAMMA1002294//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence.//1.2e-35:281:82//AC004231
- 35 R-MAMMA1002297//Human DNA sequence from cosmid L174G8, Huntington's Disease Region, chromosome 4p16.3.//6.7e-48:381:80//Z69375
- 40 R-MAMMA1002298//Homo sapiens BAC clone RG208H19 from 7q11.23, complete sequence.//.8e-17:296:70//AC005074
- 45 R-MAMMA1002299//HS_3116_A2_F07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3116 Col=14 Row=K, genomic survey sequence.//4.1e-60:354:91//AQ140526
- 50 R-MAMMA1002308
- R-MAMMA1002310//Human DNA sequence from cosmid B10B1 on chromosome 22 Contains ESTs, CA repeat and STS, complete sequence.//9.9e-35:283:83//Z73979
- 55 R-MAMMA1002311//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//1.3e-86:503:90//AC006210

EP 1 074 617 A2

R-MAMMA1002312//H.sapiens gene encoding La autoantigen.//1.3e-23:382:67//X97869

5 R-MAMMA1002317//Human DNA sequence from clone 48G12 on chromosome Xq27.1-27.3.
Contains STSs and GSSs, complete sequence.//1.3e-59:323:87//AL031054

10 R-MAMMA1002319//Homo sapiens chromosome 19, fosmid 39347, complete
sequence.//2.2e-106:522:98//AC005756

R-MAMMA1002322//Homo sapiens genomic DNA, chromosome 21q11.1, segment 13/28,
WORKING DRAFT SEQUENCE.//2.3e-48:452:76//AP000042

15 R-MAMMA1002329//M.musculus mRNA for semaphorin B.//2.0e-12:210:73//X85991

20 R-MAMMA1002332//Homo sapiens PAC clone DJ1139I01 from Xq23, complete
sequence.//3.4e-46:393:71//AC004973

25 R-MAMMA1002333//HS_3245_A1_B04_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3245 Col=7 Row=C, genomic survey sequence.//3.1e-
21:146:92//AQ205759

R-MAMMA1002339//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete
sequence.//9.7e-39:310:79//AF001549

30 R-MAMMA1002347//Homo sapiens 12q24.1 PAC RPCI3-305I20 (Roswell Park Cancer
Institute Human PAC Library) complete sequence.//1.2e-46:443:76//AC006088

35 R-MAMMA1002351//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
1059H15, WORKING DRAFT SEQUENCE.//1.1e-90:553:89//AL022100

40 R-MAMMA1002352//Homo sapiens mRNA for leukemia associated gene 2.//8.8e-81:388:
92//Y15228

R-MAMMA1002353//Homo sapiens 12q24 BAC RPCI11-162P23 (Roswell Park Cancer
Institute Human BAC library) complete sequence.//5.5e-35:302:80//AC002996

45 R-MAMMA1002355//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
222E13, WORKING DRAFT SEQUENCE.//5.4e-52:361:76//Z93241

50 R-MAMMA1002356//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete
sequence.//8.3e-28:187:91//AC004662

55 R-MAMMA1002359//Human DNA sequence from cosmid L118D5, Huntington's Disease
Region, chromosome 4p16.3 contains CpG islands.//6.3e-47:297:85//268869

R-MAMMA1002360//HS_2163_B2_C08_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2163 Col=16 Row=F, genomic survey sequence.//1.5e-

EP 1 074 617 A2

20:374:66//AQ125213

- 5 R-MAMMA1002361//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING DRAFT SEQUENCE.//2.2e-35:264:85//AL033520
- R-MAMMA1002362//H.sapiens PEX gene.//1.8e-40:243:86//Y10196
- 10 R-MAMMA1002380//RPCI11-73J4.TJ RPCI11 Homo sapiens genomic clone R-73J4, genomic survey sequence.//1.7e-38:295:77//AQ268168
- 15 R-MAMMA1002384//Homo sapiens 12q13.1 PAC RPCI1-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//2.5e-37:311:81//AC004801
- R-MAMMA1002385
- 20 R-MAMMA1002392//Human BAC clone RG066D11 from 7q22, complete sequence.//2.0e-37:365:77//AC002430
- 25 R-MAMMA1002411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 64K7, WORKING DRAFT SEQUENCE.//9.4e-22:496:65//AL031668
- 30 R-MAMMA1002413//Homo sapient 12q24.2 PAC RPCI1-157K6 (Roswell Park Cancer Institute Human PAC library) complete sequence.//2.3e-15:153:77//AC005146
- 35 R-MAMMA1002417//Human DNA sequence from PAC 426I6 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat.//1.8e-23:508:62//AL020997
- R-MAMMA1002427//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence.//2.5e-37:288:84//U91321
- 40 R-MAMMA1002428//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//6.0e-05:130:75//AL034423
- 45 R-MAMMA1002434//Homo sapiens DNA sequence from PAC 380E11 on chromosome 6p22.3-p24. Contains HB15 gene, ESTs, CA repeat, STS and GSS.//4.8e-18:205:78//AL022396
- 50 R-MAMMA1002446//CIT-HSP-2021L14.TR CIT-HSP Homo sapiens genomic clone 2021L14, genomic survey sequence.//4.6e-41:387:72//B65379
- 55 R-MAMMA1002454//Homo sapiens chromosome 19, cosmid F23259, complete sequence.//1.2e-67:491:82//AC005512
- R-MAMMA1002461//Homo sapiens PAC clone 166H1 from 12q, complete sequence.//1.4e-28:188:85//AC003982

EP 1 074 617 A2

- 5 R-MAMMA1002470//Saccharomyces cerevisiae chromosome VIII cosmid 9205.//6.3e-09:280:61//U10556
- R-MAMMA1002475//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs.//1.5e-25:310:74//Z83822
- 10 R-MAMMA1002480//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.2e-98:533:93//AC005077
- 15 R-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds.//2.7e-114:560:97//AF055460
- R-MAMMA1002494//Human DNA sequence from cosmid L174G8, Huntington's Disease Region, chromosome 4p16.3.//2.1e-46:329:84//Z69375
- 20 R-MAMMA1002498//Rat mRNA.//0.0068:223:64//M59859
- R-MAMMA1002524//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.012:460:60//AC005139
- 25 R-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds.//1.2e-101:529:95//AF065214
- 30 R-MAMMA1002545//Homo sapiens ribosomal protein s4 Y isoform gene, complete cds.//6.6e-50:471:77//AF041427
- 35 R-MAMMA1002554//Homo sapiens chromosome 4 clone B227H22 map 4q25, complete sequence.//5.7e-38:279:84//AC004056
- 40 R-MAMMA1002556//Homo sapiens chromosome 10 clone CIT-HSP-1255F20 map 10p11.2-10p12.1, complete sequence.//9.6e-13:237:67//AC005878
- R-MAMMA1002566//CITBI-E1-2509P21.TR CITBI-E1 Homo sapiens genomic clone 2509P21, genomic survey sequence.//9.7e-14:216:73//AQ261427
- 45 R-MAMMA1002571//CITBI-E1-2516L21.TF CITBI-E1 Homo sapiens genomic clone 2516L21, genomic survey sequence.//4.6e-25:142:99//AQ279542
- 50 R-MAMMA1002573//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 811H13, WORKING DRAFT SEQUENCE.//1.1e-30:250:82//AL023805
- 55 R-MAMMA1002585//Rabbit angiotensin-converting enzyme (ACE) gene, 5' end.//1.0:196:61//M58580
- R-MAMMA1002590//H.sapiens CpG island DNA genomic Mse1 fragment, clone 8d5, forward

EP 1 074 617 A2

read cpg8d5.f1g.//1.0:114:64//Z63758

- 5 R-MAMMA1002597//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1103G7, WORKING DRAFT SEQUENCE.//9.0e-96:459:98//AL034548
- 10 R-MAMMA1002598//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 120G22, WORKING DRAFTSEQUENCE.//0.79:362:58//AL031847
- 15 R-MAMMA1002603//Homo sapiens chromosome 17, clone hRPK.214_C_8, complete sequence.//1.3e-46:333:80//AC005803
- 20 R-MAMMA1002612//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 269M15, WORKING DRAFT SEQUENCE.//7.4e-41:283:86//AL021395
- 25 R-MAMMA1002617//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 591N18, WORKING DRAFT SEQUENCE.//1.7e-20:308:71//AL031594
- 30 R-MAMMA1002618//Homo sapiens clone RG122E10, complete sequence.//1.2e-31:230:76//AC005067
- 35 R-MAMMA1002619//Homo sapiens chromosome 21 PAC RPCIP704E14135Q2.//9.0e-113:551:98//AJ010598
- 40 R-MAMMA1002622//Homo sapiens chromosome 4 clone B207D4 map 4q25, complete sequence.//2.8e-43:324:83//AC004050
- 45 R-MAMMA1002623//Homo sapiens chromosome 17, clone hRPC.1171_I_10, complete sequence.//2.7e-80:344:84//AC004687
- 50 R-MAMMA1002625//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1056L3, WORKING DRAFT SEQUENCE.//2.6e-34:391:72//AL031727
- 55 R-MAMMA1002629//Human DNA from overlapping chromosome 19-specific cosmids R32543,, and F15613 containing ZNF gene family member, genomic sequence, complete sequence.//5.5e-58:346:81//AC003006
- R-MAMMA1002636//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.1e-52:285:92//AC004895
- R-MAMMA1002637//Mus musculus kinesin light chain 2 (Klc2) mRNA, complete cds.//2.1e-13:359:64//AF055666
- R-MAMMA1002646//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 394I7, WORKING DRAFT SEQUENCE.//2.5e-24:285:68//AL023585
- R-MAMMA1002650//Human IGF-II gene exon 2 for insulin-like growth factor II located on

EP 1 074 617 A2

chromosome 11.//0.64:237:61//X03424

- 5 R-MAMMA1002655//Homo sapiens mini satellite cebl repeat region.//0.18:152:65//AF048727
- R-MAMMA1002662//Homo sapiens clone DJ0739M23, complete sequence.//2.5e-46:370:82//AC004870
- 10 R-MAMMA1002665//Human DNA sequence from PAC 435C23 on chromosome X. Contains ESTs.//7.4e-55:298:92//Z92844
- 15 R-MAMMA1002671//RPCI11-45M10.TK RPCI11 Homo sapiens genomic clone R-45M10, genomic survey sequence.//0.99:151:66//AQ194411
- 20 R-MAMMA1002673//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete sequence.//3.1e-38:410:76//AL022162
- 25 R-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds.//1.4e-107:544:96//D86987
- R-MAMMA1002685//HS_2052_A1_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2052 Col=3 Row=O, genomic survey sequence.//1.2e-23:255:75//AQ231087
- 30 R-MAMMA1002698//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//1.1e-38:299:83//AC004673
- 35 R-MAMMA1002699//Mus musculus intersectin-EH binding protein lbp1 mRNA, partial cds.//3.3e-05:61:93//AF057285
- 40 R-MAMMA1002701//Homo sapiens gene for AF-6, complete cds.//3.5e-39:317:81//AB011399
- R-MAMMA1002708//Homo sapiens 12p13.3 PAC RPCI5-977L1 (Roswell Park Cancer Institute Human PAC library) complete sequence.//0.26:365:62//AC005293
- 45 R-MAMMA1002711//Homo sapiens chromosome 21 PAC LLNLP704F18108Q13.//2.5e-31:304:77//AJ006995
- 50 R-MAMMA1002721//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING DRAFT SEQUENCE.//2.3e-40:279:87//Z83826
- 55 R-MAMMA1002727//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.45:183:64//AC004710
- R-MAMMA1002728//Human Chromosome 11 Overlapping Cosmids cSRL72g7 and cSRL140b8, complete sequence.//1.1e-42:410:74//AC002037

EP 1 074 617 A2

- 5 R-MAMMA1002744//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence.//1.6e-19:473:63//U96629
- R-MAMMA1002746//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete sequence.//2.2e-108:544:97//AC005856
- 10 R-MAMMA1002748//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//5.9e-106:551:95//AC006055
- 15 R-MAMMA1002754//Homo sapiens clone GS259H13, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.7e-34:305:79//AC005020
- 20 R-MAMMA1002758//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds, and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//0.00014:130:74//U95626
- 25 R-MAMMA1002764//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//8.7e-10:118:81//AC005781
- R-MAMMA1002765//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//1.2e-31:290:78//AC006128
- 30 R-MAMMA1002769//Human DNA sequence from PAC 36J3, between markers DXS1192 and DXS102 on chromosome X.//0.94:260:62//Z82975
- 35 R-MAMMA1002780//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING DRAFT SEQUENCE.//2.6e-21:529:62//AL031667
- R-MAMMA1002782//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 199H16, WORKING DRAFT SEQUENCE.//2.8e-30:234:72//AL022320
- 40 R-MAMMA1002796//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 237J2, WORKING DRAFT SEQUENCE.//1.0:155:66//AL021394
- 45 R-MAMMA1002807//Human DNA sequence from BAC 941F9 on chromosome 22q11.2-qter. Contains ESTs, STSs and 3' part of FIBULIN-1 D PRECURSOR like gene, part of a Brain Protein E46 like gene and a CpG island, complete sequence.//5.0e-42:443:75//Z95331
- 50 R-MAMMA1002820//345M16.TVB CIT978SKA1 Homo sapiens genomic clone A-345M16, genomic survey sequence.//1.3e-14:95:87//B17487
- 55 R-MAMMA1002830//Human PAC clone DJ515N1 from 22q11.2-q22, complete sequence.//4.1e-20:223:74//AC002073
- R-MAMMA1002833//Homo sapiens Xp22 bins 3-5 PAC RPCI4-617A9 (Roswell Park Cancer

EP 1 074 617 A2

Institute Human PAC Library) containing Arylsulfatase D and E genes, complete sequence.//1.8e-37:295:84//AC005295

5 R-MAMMA1002835

R-MAMMA1002838//Human gene hY3 encoding a cytoplasmic Ro RNA.//4.4e-14:108:92//V00585

10

R-MAMMA1002842//CIT-HSP-2017022.TRB CIT-HSP Homo sapiens genomic clone 2017022, genomic survey sequence.//5.2e-43:168:85//B67141

15 R-MAMMA1002843//Homo sapiens clone GS051M12, complete sequence.//8.7e-44:525:71//AC005007

R-MAMMA1002844

20

R-MAMMA1002858//H.sapiens ERF-1 mRNA 3' end.//2.8e-99:361:91//X79067

25 R-MAMMA1002868//Homo sapiens clone DJ0852O24, WORKING DRAFT SEQUENCE, 2 unordered pieces.//9.6e-39:288:81//AC004906

R-MAMMA1002871//Homo sapiens BAC clone NH0539B24 from 7p15.1-p14, complete sequence.//0.0022:490:57//AC006044

30

R-MAMMA1002880//Homo sapiens Xp22 Bins 35-37 BAC GSHB-214D18 (Genome Systems Human BAC Library) complete sequence.//1.3e-09:143:76//AC005296

35 R-MAMMA1002881//Human thymopoietin (TMPO) gene, partial exon 6, complete exon 7, partial exon 8, and partial cds for thymopoietin beta.//5.1e-41:264:87//U18271

40 R-MAMMA1002886//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//4.7e-32:216:90//AL022069

45 R-MAMMA1002887

R-MAMMA1002890

3.4e-49:376:81//AG006257

50 R-MAMMA1002892//Homo sapiens PAC clone DJ0765G07 from 7q11, complete sequence.//6.0e-60:344:79//AC004881

55 R-MAMMA1002895//RPCI11-90K13.TV RPCI11 Homo sapiens genomic clone R-90K13, genomic survey sequence.//2.1e-34:300:77//AQ283502

R-MAMMA1002908//Human Chromosome X, complete sequence.//4.2e-39:297:

EP 1 074 617 A2

85//AC004070

- 5 R-MAMMA1002909//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0442P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.4e-23:344:74//AC005798
- 10 R-MAMMA1002930//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//5.2e-39:261:88//AC006019
- R-MAMMA1002938//C.pasteurianum gap gene.//1.0:343:59//X72219
- 15 R-MAMMA1002941//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//6.3e-88:556:87//AC006120
- 20 R-MAMMA1002947
0.48:156:69//AC005469
- 25 R-MAMMA1002964//Human DNA sequence from PAC 426i6 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat.//1.2e-39:473:73//AL020997
- 30 R-MAMMA1002970//Homo sapiens chromosome 5, P1 clone 793c5 (LBNL H57), complete sequence.//4.7e-47:420:77//AC005200
- R-MAMMA1002972//alpha 1 syntrophin [human, mRNA Partial, 1771 nt] .//0.97:305:62//S81737
- 35 R-MAMMA1002973//Human DNA sequence from cosmid V210E9, between markers DXS366 and DXS87 on chromosome X.//2.6e-35:256:85//Z70280
- 40 R-MAMMA1002982 1.0e-27:110:85//AG005524
- R-MAMMA1002987//Homo sapiens PAC clone DJ1086D14, complete sequence.//1.4e-28:527:66//AC004460
- 45 R-MAMMA1003003//Homo sapiens chromosome 10 clone CRI-JC2059 map 10q24.1-10q24.2, WORKING DRAFT SEQUENCE, 1 ordered pieces.//7.9e-48:418:78//AC006109
- 50 R-MAMMA1003004//, complete sequence.//2.0e-12:442:61//AC005406
- R-MAMMA1003007//Homo sapiens chromosome 10 clone CRI-JC2059 map 10q24.1-10q24.2, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.7e-48:293:91//AC006109
- 55 R-MAMMA1003011//A-306G8.TP CIT978SK Homo sapiens genomic clone A-306G8, genomic survey sequence.//0.45:168:64//B18092

EP 1 074 617 A2

R-MAMMA1003015//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//2.9e-44:399:77//AC005740

5 R-MAMMA1003019//RPCI11-9J9.TV RPCI-11 Homo sapiens genomic clone RPCI-11-9J9, genomic survey sequence.//2.7e-14:294:68//B71583

10 R-MAMMA1003026//HS_2166_B2_C12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2166 Col=24 Row=F, genomic survey sequence.//0.021:189:64//AQ125639

15 R-MAMMA1003031//Homo sapiens chromosome 5, BAC clone 319C17 (LBNL H159), complete sequence.//1.8e-98:525:95//AC005214

20 R-MAMMA1003035//Homo sapiens 12q13.1 Cosmid C174F5 (Lawrence Livermore LL12NC01 or LL12NC02 human cosmid libraries) complete sequence.//6.7e-06:297:63//AC004550

25 R-MAMMA1003039//RPCI11-56J17.TJ RPCI11 Homo sapiens genomic clone R-56J17, genomic survey sequence.//0.21:375:59//AQ081889

R-MAMMA1003040//Human DNA sequence from cosmid L108f12, Huntington's Disease Region, chromosome 4p16.3.//2.7e-29:298:67//Z49235

30 R-MAMMA1003044//Homo sapiens chromosome 19, cosmid R30676, complete sequence.//2.9e-14:113:91//AC004560

35 R-MAMMA1003047

R-MAMMA1003049

40 R-MAMMA1003055//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 377F16, WORKING DRAFT SEQUENCE.//2.3e-45:317:86//Z93783

45 R-MAMMA1003056//Homo sapiens chromosome 19, cosmid R34275, complete sequence.//1.0:229:63//AC005305

R-MAMMA1003057//M.domesticus MD6 mRNA.//6.2e-42:326:82//X54352

50 R-MAMMA1003066//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING DRAFT SEQUENCE.//3.1e-49:299:87//Z83826

55 R-MAMMA1003089//Homo sapiens BAC clone RG298G08 from 7p15-p21, complete sequence.//2.7e-30:520:67//AC005084

R-MAMMA1003099//RPCI11-8N9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-8N9, genomic survey sequence.//4.2e-44:338:82//B71494

EP 1 074 617 A2

- 5 R-MAMMA1003104//Mus musculus rostral cerebellar malformation protein (rcm) mRNA, complete cds.//3.4e-48:423:79//U72634
- 10 R-MAMMA1003113//Homo sapiens chromosome 12p13.3 clone RPCI11-433J6, WORKING DRAFT SEQUENCE, 100 unordered pieces.//4.8e-114:567:97//AC006087
- 15 R-MAMMA1003127//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING DRAFT SEQUENCE.//1.4e-34:283:83//Z99716
- 20 R-MAMMA1003135//P.knowlesi Mbn-cutting sites in lambda KBS50.//0.010:243:62//M38776
- 25 R-MAMMA1003140//Homo sapiens chromosome 17, clone HCIT87G17, complete sequence.//6.7e-34:288:81//AC003663
- 30 R-MAMMA1003146//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, complete cds.//4.8e-08:438:59//M97514
- 35 R-nnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 598F2, WORKING DRAFT SEQUENCE.//1.7e-63:149:94//AL021579
- 40 R-MAMMA1003166//HS_3128_A1_B01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3128 Col=1 Row=C, genomic survey sequence.//3.0e-17:261:70//AQ140766
- 45 R-NT2RM2002580//Homo sapiens clone 24781 mRNA sequence.//2.6e-111:593:94//AF070640
- 50 R-NT2RM4000024
- 55 R-NT2RM4000027//Homo sapiens PAC clone DJ1194E14 from 7p21, complete sequence.//0.026:476:56//AC004993
- R-NT2RM4000030//Mus musculus musculus sex determining protein (Sry) gene, complete cds.//0.00044:378:59//U70653
- R-NT2RM4000046//M.mulatta MHC DR beta 6 gene encoding major histocompatibility complex.//0.27:130:64//Z26239
- R-NT2RM4000061
- R-NT2RM4000085//Homo sapiens clone 24700 unknown mRNA, partial cds.//7.2e-112:550:97//AF070639
- R-NT2RM4000086//RPCI11-6J23.TV RPCI-11 Homo sapiens genomic clone RPCI-11-6J23, genomic survey sequence.//7.2e-18:277:71//B49463

EP 1 074 617 A2

- 5 R-NT2RM4000104//F.rubripes GSS sequence, clone 063K10aG5, genomic survey
sequence.//3.6e-08:287:61//Z88817
- 10 R-NT2RM4000139//Homo sapiens chromosome 16, cosmid clone 330D11 (LANL),
complete sequence.//9.4e-08:336:65//AC005199
- 15 R-NT2RM4000155
- R-NT2RM4000156//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete
sequence.//3.4e-23:335:72//AC005856
- 20 R-NT2RM4000169//Human ribosomal protein L37a mRNA sequence.//5.9e-14:122:
88//L22154
- R-NT2RM4000191
- 25 R-NT2RM4000197//HS_3241_A2_H05_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3241 Col=10 Row=O, genomic survey sequence.//2.8e-
86:430:97//AQ206812
- 30 R-NT2RM4000199//Mus musculus Yp BAC GSMB-368G7 (Genome Systems Mouse BAC
Library) complete sequence.//0.0047:193:63//AC006056
- 35 R-NT2RM4000200
- R-NT2RM4000202//Homo sapiens chromosome 16, cosmid clone 378E2 (LANL), complete
sequence.//2.1e-40:334:76//AC004035
- 40 R-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds.//5.2e-102:
546:94//AB018255
- 45 R-NT2RM4000215
- R-NT2RM4000216//Homo sapiens chromosome 10 clone CIT987SK-1144G6 map 10q25.1,
complete sequence.//2.1e-55:303:86//AC005383
- 50 R-NT2RM4000233//Struthio camelus microsatellite sequence OSM 7.//1.2e-07:198:
67//AF003735
- 55 R-NT2RM4000244//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323),
complete sequence.//1.7e-49:322:88//AC006116

EP 1 074 617 A2

R-NT2RM4000251//Homo sapiens Chromosome 22q11.2 BAC Clone 72f8 In DGCR Region, complete sequence.//0.97:184:66//AC000085

5 R-NT2RM4000265//Human PAC clone DJ073F11 from Xq23, complete sequence.//6.2e-66:552:78//AC000055

10 R-NT2RM4000290//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 394I7, WORKING DRAFT SEQUENCE.//1.4e-05:229:65//AL023585

R-NT2RM4000324

15 R-NT2RM4000327//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 75N14, WORKING DRAFT SEQUENCE.//3.3e-42:443:75//Z97199

20 R-NT2RM4000344//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12 unordered pieces.//6.4e-64:433:84//AC004826

25 R-NT2RM4000349//Human mRNA for KIAA0005 gene, complete cds.//7.7e-11:210:69//D13630

R-NT2RM4000354//Caenorhabditis elegans cosmid T14A8.//0.084:257:60//U50066

30 R-NT2RM4000356

R-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds.//8.7e-112:577:95//AB014542

35 R-NT2RM4000368
1.6e-48:348:85//AG006257

40 R-NT2RM4000386//Rat mRNA for growth potentiating factor, complete cds.//4.4e-35:141:87//D42148

45 R-NT2RM4000395//RPCI11-8N9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-8N9, genomic survey sequence.//1.4e-25:207:75//871494

R-NT2RM4000414//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//7.1e-17:492:64//AL031985

50 R-NT2RM4000421//RPCI11-66B1.TK RPCI11 Homo sapiens genomic clone R-66B1, genomic survey sequence.//1.8e-40:311:82//AQ241167

55 R-NT2RM4000425//Homo sapiens chromosome Xp22-135-136 clone GSHB-56711, WORKING DRAFT SEQUENCE, 35 unordered pieces.//2.5e-47:316:87//AC005867

R-NT2RM4000433//Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete

EP 1 074 617 A2

cds.//1.6e-17:133:78//AF062476

R-NT2RM4000457

5

R-NT2RM4000471//Homo sapiens mRNA for putative tRNA splicing protein, partial.//4.6e-113:559:96//AJ010952

10

R-NT2RM4000486//Homo sapiens mRNA, complete cds, clone:RES4-22C.//0.00015:170:67//AB000461

R-NT2RM4000496

15

R-NT2RM4000511//Rat troponin T cardiac isoform gene, complete cds.//0.21:290:58//M80829

20

R-NT2RM4000514//CIT-HSP-2169K4.TR CIT-HSP Homo sapiens genomic clone 2169K4, genomic survey sequence.//1.5e-20:150:89//B95717

25

R-nnnnnnnnnnnn//HS-1024-B2-G01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 803 Col=2 Row=N, genomic survey sequence.//6.3e-10:74:98//B34556

30

R-NT2RM4000520//Caenorhabditis elegans cosmid F36H12.//0.15:406:61//AF078790

R-NT2RM4000531

35

R-NT2RM4000532//Plasmodium falciparum chromosome 2, section 28 of 73 of the complete sequence.//1.0:119:66//AE001391

40

R-NT2RM4000534//paramecium species 4.51er mt dna dimer: replication init. region, clone 2.//9.8e-05:326:60//K00909

45

R-NT2RM4000585//HS_3252_A2_G08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3252 Col=16 Row=M, genomic survey sequence.//1.9e-69:376:93//AQ219890

50

R-NT2RM4000590//CIT-HSP-539O24.TV CIT-HSP Homo sapiens genomic clone 539O24, genomic survey sequence.//1.7e-38:226:93//B50657

55

R-NT2RM4000595//Human Chromosome X clone bWXD342, complete sequence.//1.0:239:61//AC004072

R-NT2RM4000603//RPC11-49P13.TK RPC11 Homo sapiens genomic clone R-49P13, genomic survey sequence.//0.77:139:64//AQ051950

R-nnnnnnnnnnnn

EP 1 074 617 A2

5 R-NT2RM4000616//HS_3107_A2_B03_MR CIT Approved Human Genomic Sperm Library D
 Homo sapiens genomic clone Plate=3107 Col=6 Row=C, genomic survey sequence.//1.3e-
 54:272:99//AQ210034

 R-NT2RM4000674
 10 R-NT2RM4000689//Mus musculus pericentrin mRNA, complete cds.//3.5e-70:551:
 80//U05823

 R-NT2RM4000698
 15 R-nnnnnnnnnnnnn

 R-NT2RM4000712//Homo sapiens clone NH0512E16, complete sequence.//0.54:294:
 20 58//AC005039

 R-NT2RM4000717//Plasmodium falciparum MAL3P8, complete sequence.//0.050:387:
 25 58//AL034560

 R-NT2RM4000733//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
 423B22, WORKING DRAFT SEQUENCE.//1.0e-107:566:95//AL034379
 30 R-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds.//1.1e-103:536:
 95//AB018303

 R-NT2RM4000741//CIT-HSP-2294N4.TR CIT-HSP Homo sapiens genomic clone 2294N4,
 35 genomic survey sequence.//5.2e-41:244:93//AQ006361

 R-NT2RM4000751//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
 537K23, WORKING DRAFT SEQUENCE.//2.7e-28:416:67//AL034405
 40 R-NT2RM4000764//Human HepG2 3' region Mbol cDNA, clone hmd3g01m3.//2.1e-33:199:
 96//D17217

 R-NT2RM4000778//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library)
 45 complete sequence.//0.00060:241:62//AC002980

 R-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds.//2.9e-104:
 50 546:94//AB007920

 R-NT2RM4000787//Homo sapiens, clone hRPK.3_A_1, complete sequence.//5.3e-32:321:
 55 77//AC006198

 R-NT2RM4000790//Homo sapiens chromosome 19, cosmid R27216, complete
 sequence.//1.9e-111:552:97//AC005306

EP 1 074 617 A2

5 R-NT2RM4000795//Homo sapiens Chromosome 17p13 Cosmid Clone cos39, complete
 sequence.//0.74:364:57//U58675

 R-NT2RM4000796//Homo sapiens full-length insert cDNA clone ZD62D10.//2.7e-105:510:
 98//AF086348

 10 R-NT2RM4000798//Human polymorphic epithelial mucin core protein mRNA, 3' end.//7.7e-
 27:158:96//M21868

 R-NT2RM4000813
 15 R-NT2RM4000820//, complete sequence.//2.0e-104:432:97//AC005406

 R-NT2RM4000833//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MXI22,
 20 complete sequence.//2.0e-07:166:68//AB012248

 R-NT2RM4000848//Rabies virus matrix (M) protein mRNA, complete cds.//0.073:70:
 84//M22013
 25 R-NT2RM4000852//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic
 sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0:237:62//AC004709

 30 R-NT2RM4000855

 R-nnnnnnnnnnn//HS_3189_B2_B08_T7 CIT Approved Human Genomic Sperm Library D
 Homo sapiens genomic clone Plate=3189 Col=16 Row=D, genomic survey sequence.//2.1e-
 35 06:114:73//AQ300597

 R-NT2RM4000895//Pan troglodytes HS19.8-similar locus and Y Alu element, genomic survey
 40 sequence.//3.8e-46:207:91//AF077058

 R-NT2RM4000950//Human BAC clone RG341D10 from 7p15-p21, complete sequence.//1.0:
 336:60//AC002530

 45 R-NT2RM4000971//Human Xq28 cosmids U126G1, U142F2, U69B6, U145C10, U169A5,
 U84H1, U24D12, U80A7, U153E6, L35485, and R7-163A8 containing iduronate 2-sulfatase
 gene and pseudogene, complete sequence.//7.1e-09:259:64//AF011889

 50 R-NT2RM4000979

 R-NT2RM4000996//HS_3164_A1_E02_T7 CIT Approved Human Genomic Sperm Library D
 Homo sapiens genomic clone Plate=3164 Col=3 Row=I, genomic survey sequence.//2.0e-82:
 55 443:94//AQ141622

 R-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds.//1.2e-112:545:

EP 1 074 617 A2

97//AB018272

5 R-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds.//7.9e-113:556:
97//AB014539

R-NT2RM4001032//Homo sapiens Surf-5 and Surf-6 genes.//1.2e-10:120:82//AJ224639

10 R-NT2RM4001047//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
163G9, WORKING DRAFT SEQUENCE.//1.0:158:67//AL008733

15 R-NT2RM4001054//CIT-HSP-2292N8.TR CIT-HSP Homo sapiens genomic clone 2292N8,
genomic survey sequence.//5.8e-19:118:97//AQ004096

20 R-nnnnnnnnnnnn//Mouse DNA with homology to EBV IR3 repeat, segment 1, clone
Mu2.//1.0e-05:271:64//M10296

R-NT2RM4001092//CITBI-E1-2524J20.TR CITBI-E1 Homo sapiens genomic clone 2524J20,
genomic survey sequence.//1.0:186:63//AQ277294

25 R-NT2RM4001116

30 R-NT2RM4001140//Homo sapiens PAC clone DJ0964C11 from 7p14-p15, complete
sequence.//3.6e-79:468:90//AC004593

35 R-NT2RM4001151//HS_2270_B1_E05_MF CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2270 Col=9 Row=J, genomic survey sequence.//5.5e-
62:312:98//AQ163739

R-NT2RM4001155//Homo sapiens chromosome 12p13.3 clone RPCI4-816N1, WORKING
DRAFT SEQUENCE, 31 unordered pieces.//1.4e-107:536:97//AC005841

40 R-NT2RM4001160//HS_3015_B1_H10_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3015 Col=19 Row=P, genomic survey sequence.//7.1e-
35:201:95//AQ118712

45 R-NT2RM4001187//X.laevis xUBFbeta2 mRNA for upstream binding factor 1.//0.019:177:
63//X57201

50 R-NT2RM4001191//HS_3002_A1_F05_MF CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3002 Col=9 Row=K, genomic survey sequence.//3.9e-
33:230:75//AQ088791

55 R-NT2RM4001200//Homo sapiens full-length insert cDNA clone YL35H03.//7.5e-69:335:
99//AF085857

R-NT2RM4001203

EP 1 074 617 A2

- R-NT2RM4001204
- 5 R-NT2RM4001217
- R-NT2RM4001256
- 10 R-NT2RM4001258
- R-NT2RM4001309
- 15 R-NT2RM4001313//Homo sapiens 12q24.1 PAC RPCI1-71H24 (Roswell Park Cancer Institute Human PAC library) complete sequence.//0.00055:183:63//AC004551
- R-NT2RM4001316//Homo sapiens chromosome 17, clone hCIT.117_K_16, complete
20 sequence.//4.5e-21:212:79//AC004757
- R-NT2RM4001320//CIT-HSP-2303E22.TR CIT-HSP Homo sapiens genomic clone 2303E22,
25 genomic survey sequence.//3.8e-30:86:89//AQ021084
- R-NT2RM4001340
0.0027:493:60//AC005133
- 30 R-NT2RM4001344
- R-NT2RM4001347//CITBI-E1-2506I20.TR CITBI-E1 Homo sapiens genomic clone 2506I20,
35 genomic survey sequence.//6.5e-16:1.01:99//AQ262797
- R-NT2RM4001371//CITBI-E1-2503G21.TR CITBI-E1 Homo sapiens genomic clone
2503G21, genomic survey sequence.//0.063:140:65//AQ265776
- 40 R-NT2RM4001382//HS_3044_A1_F02_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3044 Col=3 Row=K, genomic survey sequence.//0.96:
103:66//AQ098668
- 45 R-NT2RM4001384//R.norvegicus mRNA for dendrin.//8.5e-07:120:75//Y09000
- R-NT2RM4001410//Bovine cytochrome P450-scc mRNA fragment.//2.3e-15:199:75//M25920
- 50 R-NT2RM4001411//Rattus norvegicus FceRI gamma-chain interacting protein SH2-B (SH2-
B) mRNA, complete cds.//1.7e-55:235:83//U57391
- R-NT2RM4001412
- 55 R-NT2RM4001414//Homo sapiens Xp22 Cosmids U98B4 and U24F2 (Lawrence Livermore
human cosmid library) complete sequence.//1.7e-80:489:89//U69730

EP 1 074 617 A2

- 5 R-NT2RM4001437//RPCI11-56D2.TJ RPCI11 Homo sapiens genomic clone R-56D2, genomic survey sequence.//3.8e-43:250:93//AQ081969
- R-NT2RM4001444//Homo sapiens Xp22-171-173 BAC GSHB-312I4 (Genome Systems Human BAC Library) complete sequence.//0.0034:224:63//AC005926
- 10 R-NT2RM4001454//Homo Sapiens Chromosome X clone bW XD90, complete sequence.//2.4e-33:360:68//AC004075
- 15 R-NT2RM4001455//HS_3229_B1_E04_MR CIT Approved-Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3229 Col=7 Row=J, genomic survey sequence//1.0:183:61//AQ191289
- 20 R-NT2RM4001483//Homo sapiens clone DJ0826E18, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.2e-51:451:79//AC005282
- 25 R-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds.//2.2e-102:547:93//AB014585
- R-NT2RM4001519//HS_2208_A1_F07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2208 Col=13 Row=K, genomic survey sequence.//0.25:214:63//AQ091836
- 30 R-NT2RM4001522//H.sapiens gene for Cu/Zn-superoxide dismutase.//3.6e-13:246:70//Z29336
- 35 R-NT2RM4001557//Plasmodium falciparum MAL3P4, complete sequence.//0.055:320:58//AL008970
- 40 R-NT2RM4001565//Homo sapiens chromosome 12p13.3 clone RPCI11-189M20, WORKING DRAFT SEQUENCE, 39 unordered pieces.//3.9e-26:329:72//AC005910
- R-NT2RM4001566//Human trophinin mRNA, complete cds.//6.3e-38:296:86//U04811
- 45 R-NT2RM4001569//Human DNA sequence from clone 461P17 on chromosome 20q12-13.2. Contains four novel (pseudo)genes for proteins with Kunitz/Bovine pancreatic trypsin inhibitor and/or WAP-type (Whey Acidic Protein) 'four-disulfide core' domains, COX6C (Cytochrome C Oxidase Polypeptide VIC, EC 1.9.3.1) and RPL5 (60S Ribosomal Protein L5) pseudogenes, a pseudogene similar to part of the HSPD1 (HSP60, Mitochondrial Matrix Protein P1 precursor, Heat Shock Protein 60, GROEL protein, HUCHA60) gene, and the Major Epididymis-specific protein E4 precursor (HE4, Epididymis Secretory protein E4, WAP-type (Whey Acidic Protein) 'four-disulfide core' domain) gene. Contains ESTs, an STS, GSSs and a putative CpG island, complete sequence.//2.0e-35:213:89//AL031663
- 55 R-NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete

EP 1 074 617 A2

cds.//5.4e-60:558:77//AF071317

- 5 R-nnnnnnnnnnnn//M.musculus mRNA of enhancer-trap-locus 1.//4.8e-86:565:85//X69942
- R-NT2RM4001594//Human interleukin-13 (IL-13) precursor gene, complete cds.//0.083:283:61//U31120
- 10 R-NT2RM4001597//HS_2059_A1_G11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2059 Col=21 Row=M, genomic survey sequence.//4.4e-09:105:83//AQ245136
- 15 R-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds.//6.7e-111:565:95//AB018334
- R-NT2RM4001611//Homarus americanus ryanodine receptor (RyR) mRNA, partial cds.//1.0:364:61//AF051936
- 20 R-NT2RM4001629//RPCI11-54G14.TJ RPCI11 Homo sapiens genomic clone R-54G14, genomic survey sequence.//0.0018:347:61//AQ083173
- 25 R-NT2RM4001650
- R-NT2RM4001662//Homo sapiens DNA sequence from PAC 159A15 on chromosome Xp11.21-p11.23. Contains inter-alpha-trypsin inhibitor heavy chain H3 precursor-like protein.//0.75:212:62//AL022575
- 30 R-NT2RM4001666//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-233A8, complete sequence.//2.6e-26:461:65//AC004685
- 35 R-NT2RM4001682//Human DNA sequence from clone 30M3 on chromosome 6p22.1-22.3. Contains three novel genes, one similar to C. elegans Y63D3A.4 and one similar to (predicted) plant, worm, yeast and archaea bacterial genes, and the first exon of the KIAA0319 gene. Contains ESTs, GSSs and putative CpG islands, complete sequence.//1.5e-107:544:96//AL031775
- 40 R-NT2RM4001710//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING DRAFT SEQUENCE.//1.8e-110:580:95//AL031447
- 45 R-NT2RM4001714//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//3.1e-10:543:59//AC004153
- 50 R-nnnnnnnnnnnn//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs, complete sequence.//8.7e-111:577:94//AL034430
- 55 R-NT2RM4001731//Ovis aries dinucleotide repeat polymorphism at MAF92 locus.//0.017:93:73//M80527

EP 1 074 617 A2

- R-NT2RM4001741//Mouse mRNA for talin.//2.4e-34:273:83//X56123
- 5 R-NT2RM4001746//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316G12, WORKING DRAFT SEQUENCE.//1.7e-112:567:96//AL031709
- 10 R-NT2RM4001754//Homo sapiens PAC clone 248O15 from 13q12-q13, complete sequence.//1.4e-64:475:83//AC002483
- 15 R-NT2RM4001758//R.norvegicus mRNA for serine/threonine kinase MARK1.//1.9e-18:202:78//Z83868
- R-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds.//2.0e-22:236:80//AB018270
- 20 R-NT2RM4001783//Homo sapiens clone DJ0981007, complete sequence.//4.4e-106:551:95//AC006017
- 25 R-NT2RM4001810//T28D3TF TAMU Arabidopsis thaliana genomic clone T28D3, genomic survey sequence.//0.76:279:60//B27099
- R-NT2RM4001813
- 30 R-NT2RM4001823
- R-NT2RM4001828//HS_3073_A2_E01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3073 Col=2 Row=I, genomic survey sequence.//1.6e-46:255:96//AQ121030
- 35 R-NT2RM4001836//Sus scrofa microsatellite S0398 sequence.//9.4e-06:141:69//U78024
- 40 R-NT2RM4001841//Salmo salar microsatellite Ssa65 DNA.//1.5e-06:175:65//AF019184
- R-NT2RM4001842//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.0e-07:332:61//AC005077
- 45 R-NT2RM4001856//Mus musculus clone OST16642, genomic survey sequence.//4.8e-30:235:85//AF046633
- 50 R-nnnnnnnnnnnn//Hs_3244_B1_F10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3244 Col=19 Row=L, genomic survey sequence.//3.0e-40:263:89//AQ252798
- 55 R-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//5.0e-119:592:97//Y17711

EP 1 074 617 A2

R-NT2RM4001876//Megastigmus wachti dinucleotide microsatellite, clone

MWA47CT.//0.13:134:64//AJ001069

5

R-NT2RM4001880

10 R-NT2RM4001905//HS_2016_B1_H11_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2016 Col=21 Row=P, genomic survey
sequence.//0.0066:264:59//AQ226877

15 R-NT2RM4001922//HS_2228_B2_B07_MF CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2228 Col=14 Row=D, genomic survey sequence.//2.5e-
35:205:96//AQ065498

20 R-NT2RM4001930//Homo sapiens chromosome 17, clone hRPC.34_M_24, complete
sequence.//0.26:325:63//AC004562

25 R-NT2RM4001938//Homo sapiens chromosome 17, clone hRPC.1081_P_3, complete
sequence.//2.9e-85:421:98//AC005207

R-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds.//6.2e-109:556:
95//AF098162

30 R-NT2RM4001953//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
473B4, WORKING DRAFT SEQUENCE.//1.3e-08:175:70//Z83826

35 R-NT2RM4001965//CIT-HSP-385N14.TR CIT-HSP Homo sapiens genomic clone 385N14,
genomic survey sequence.//5.7e-69:532:81//B55044

R-nnnnnnnnnnnn//R.norvegicus mRNA for IP63 protein.//1.9e-61:352:83//X99330

40 R-NT2RM4001979//Homo sapiens full-length insert cDNA clone ZD29F04.//1.1e-98:465:
100//AF086241

45 R-NT2RM4001984//Borrelia burgdorferi (section 47 of 70) of the complete genome.//0.14:
461:60//AE001161

R-NT2RM4001987

50 R-NT2RM4002013

R-NT2RM4002018

55 R-NT2RM4002034//Homo sapiens chromosome 5, BAC clone 24p24 (LBNL H195),
complete sequence.//3.6e-42:277:89//AC005353

EP 1 074 617 A2

R-NT2RM4002044//Homo sapiens PAC clone DJ1102B04 from 7q11.23-7q21, complete sequence.//0.83:476:57//AC006204

5 R-NT2RM4002054

R-NT2RM4002062//Human microsomal epoxide hydrolase gene, exons 5 and 6.//0.11:136:67//U06659

10

R-NT2RM4002063//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//2.9e-99:503 :96//U82267

15 R-nnnnnnnnnnn//Homo sapiens CAGH45 mRNA, complete cds.//9.6e-41:554:68//U80742

R-NT2RM4002067//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329A5, WORKING DRAFT SEQUENCE.//7.7e-64:476:81//Z97832

20

R-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//1.1e-33:238:85//AF072758

25 R-NT2RM4002075//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.0031:403:57//AC005504

30 R-NT2RM4002093//Human Chromosome 11 pac pDJ227b23, WORKING DRAFT SEQUENCE, 19 unordered pieces.//9.4e-07:322:62//AC000383

R-nnnnnnnnnnn//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//5.6e-44:432:74//D12646

35

R-NT2RM4002128//Human HepG2 partial cDNA, clone hmd2e12m5.//2.0e-26:186:90//D17000

40 R-NT2RM4002140

R-NT2RM4002145//Homo sapiens full-length insert cDNA clone ZD38E12.//1.4e-15:193:76//AF086247

45

R-NT2RM4002146//Human ABL gene, intron 1b, partial sequence.//0.66:170:63//U07562

50 R-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds.//4.5e-110:560:96//AF084535

R-NT2RM4002174//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//8.0e-43:302:85//AC005696

55

R-NT2RM4002189

EP 1 074 617 A2

R-NT2RM4002194//Human Cosmid g5129g129 from 7q31.3, complete sequence.//0.29:382:60//AC003960

5 R-NT2RM4002205//Spiroplasma virus (SpV1-R8A2 B) complete genome.//3.5e-05:432:56//X51344

R-NT2RM4002213

10

R-NT2RM4002226//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//0.94:198:61//AC004448

15 R-NT2RM4002251

R-NT2RM4002256//Homo sapiens PAC clone DJ0570D02 from 7p13-p14, complete sequence.//2.3e-58:299:85//AC004837

20

R-NT2RM4002266//H.sapiens CpG island DNA genomic Mse1 fragment, clone 179f11, forward read cpg179f11.ft1a.//0.72:97:69//Z57487

25 R-NT2RM4002278//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//7.5e-49:405:84//AC005069

30 R-NT2RM4002281//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 702J19, WORKING DRAFT SEQUENCE.//1.7e-13:168:77//AL033531

R-NT2RM4002287

35 R-NT2RM4002294//Homo Sapiens Chromosome X clone bWXD171, WORKING DRAFT SEQUENCE, 1 ordered pieces.//0.98:208:65//AC004676

40 R-NT2RM4002301//HS_2028_A1_E10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2028 Col=19 Row=I, genomic survey sequence.//0.94:321:57//AQ233262

45 R-NT2RM4002323//Human DNA sequence from clone 59B16 on chromosome 6p22.1-22.3. Contains a pseudogene similar to GPISG20 and other exonucleases). Contains ESTs, STSs, GSSs, genomic markers D6S1691 and D6S299 and a ca repeat polymorphism, complete sequence.//1.9e-35:265:84//AL032822

50 R-nnnnnnnnnnnn//Human mRNA for KIAA0319 gene, complete cds.//2.4e-42:569:68//AB002317

55 R-NT2RM4002344//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.013:391:59//AC004709

R-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds.//8.6e-121:

EP 1 074 617 A2

593:97//AB014549

5 R-NT2RM4002374//Human DNA sequence from cosmid U131B10, between markers DXS366 and DXS87 on chromosome X contains XK membrane transport protein, ESTs and STS.//3.8e-44:258:86//Z73417

10 R-NT2RM4002383//Human Chromosome 15q26.1 PAC clone pDJ10k5 containing human DNA polymerase gamma (polg) gene, complete sequence.//0.00084:345:60//AC005316

R-NT2RM4002390

15 R-NT2RM4002409//RPC11-45M10.TK RPC11 Homo sapiens genomic clone R-45M10, genomic survey sequence.//0.99:151:66//AQ194411

R-NT2RM4002438

20 R-NT2RM4002446//Human DNA sequence from clone 360A4 on chromosome 16. Contains ESTs, complete sequence.//2.8e-103:533:95//AL031008

25 R-NT2RM4002452

R-NT2RM4002457//Homo sapiens chromosome 16, cosmid clone 321D4 (LANL), complete sequence.//0.99:171:64//AC004034

30 R-NT2RM4002460//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat.//0.96:94:71//Z92545

40 R-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds.//2.9e-102:508:97//AF083255

R-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds.//7.0e-31:172:98//AB014591

45 R-NT2RM4002493//CIT-HSP-2296C24.TF CIT-HSP Homo sapiens genomic clone 2296C24, genomic survey sequence.//0.46:182:62//AQ006882

50 R-NT2RM4002499//Human v-fos transformation effector protein (Fte-1), mRNA complete cds.//7.3e-24:134:99//M84711

R-NT2RM4002504//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 geneexons 1,2, and 3, complete sequence.//3.9e-11:334:63//AC002368

55 R-nnnnnnnnnnnnn

EP 1 074 617 A2

R-NT2RM4002532//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING DRAFT SEQUENCE.//3.4e-17:171:79//Z97985

5 R-NT2RM4002534

R-NT2RM4002567//Homo sapiens chromosome 7 clone UWGC:g1564a040 from 7p14-15, complete sequence.//2.2e-26:181:76//AC005271

10

R-NT2RM4002571

15 R-NT2RM4002593//CIT-HSP-2303L15.TF CIT-HSP Homo sapiens genomic clone 2303L15, genomic survey sequence.//0.034:73:82//AQ015579

R-NT2RM4002623//Homo sapiens clone UWGC:g1564a209 from 7p14-15, complete sequence.//0.0014:670:55//AC005862

20

R-NT2RP2000001//Plasmodium falciparum chromosome 2, section 59 of 73 of the complete sequence.//0.00087:251:59//AE001422

25 R-NT2RP2000006//Human DNA sequence from PAC 155D22 on chromosome 6q27. Contains EST, STSs and a GSS.//2.7e-37:259:86//Z97205

30 R-NT2RP2000008//RPCI11-41G16.TP RPCI-11 Homo sapiens genomic clone RPCI-11-41G16, genomic survey sequence.//4.1e-25:365:70//AQ029090

R-NT2RP2000027//Homo sapiens chromosome 17, clone HCIT305D20, complete sequence.//6.0e-05:307:62//AC004098

35

R-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds.//8.4e-41:223:96//AB018290

40 R-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//5.8e-63:325:96//AF061749

45 R-NT2RP2000054//Human tyrosinase gene, 5'-flanking region (containing enhancer element responsible for pigment cell-specific transcription).//0.88:210:60//D26163

R-NT2RP2000056//Mus musculus epsilon tyrosine phosphatase cytoplasmic isoform (Ptpre) mRNA, complete cds.//4.7e-38:377:78//U36758

50

R-NT2RP2000067//Rat mRNA for growth potentiating factor, complete cds.//6.0e-10:137:79//D42148

55 R-NT2RP2000070//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//3.1e-76:381:98//AC005754

EP 1 074 617 A2

R-NT2RP2000076//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//2.3e-06:380:60//AE001372

5 R-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds.//3.5e-77:379:97+++F050079

10 R-NT2RP2000079//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//6.5e-32:314:78//AL034549

R-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds.//5.6e-74:378:96//AB018338

15 R-NT2RP2000091//Homo sapiens clone RG015P03, complete sequence.//9.3e-21:226:76//AC005048

20 R-NT2RP2000097//Human DNA sequence from cosmid U209G1 on chromosome X.//9.2e-40:278:81//Z68873

25 R-NT2RP2000098//Human BAC clone RG333F24 from 7q11.2-q21, complete sequence.//0.34:132:65//AC004015

R-NT2RP2000108//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//3.1e-09:259:67//AC003973

30 R-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds.//1.8e-74:386:95//AB018356

35 R-NT2RP2000120//CITBI-E1-2503M8.TR CITBI-E1 Homo sapiens genomic clone 2503M8, genomic survey sequence.//5.1e-05:87:77//AQ263909

40 R-nnnnnnnnnnnnn

R-nnnnnnnnnnnnn//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//4.9e-11:153:69//AC004827

45 R-NT2RP2000147

50 R-NT2RP2000153//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds, and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//0.0058:261:57//U95626

R-NT2RP2000157//Homo sapiens Chr.14 PAC RPCI4-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//2.5e-119:603:96//AC005924

55 R-NT2RP2000161//CIT-HSP-2045P7.TR CIT-HSP Homo sapiens genomic clone 2045P7, genomic survey sequence.//0.89:173:63//B79728

EP 1 074 617 A2

- R-NT2RP2000175
- 5 R-NT2RP2000183
- R-NT2RP2000195//Homo sapiens chromosome 17, clone hRPK.60_A_24, complete sequence.//4.3e-39:306:83//AC005325
- 10 R-NT2RP2000205//Human DNA sequence from clone 302L24 on chromosome Xq21-22, complete sequence.//7.5e-05:101:78//AL022155
- 15 R-NT2RP2000224//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence.//7.3e-55:306:94//AC004382
- R-NT2RP2000232
- 20 R-NT2RP2000233//Mus musculus tumor metastasis associated gene product (MAG) mRNA, complete cds.//7.6e-13:144:75//J88401
- 25 R-NT2RP2000239//Homo sapiens chromosome 4 clone B353C18 map 4q25, complete sequence.//9.6e-63:410:86//AC004066
- R-NT2RP2000248//Caenorhabditis elegans cosmid T01C8.//1.0:282:58//U58726
- 30 R-NT2RP2000257//Homo sapiens PAC clone DJ0808G16 from 7q11.23-q21, complete sequence.//2.5e-11:163:72//AC004894
- 35 R-NT2RP2000258//Arabidopsis thaliana chromosome II BAC T31E10 genomic sequence, complete sequence.//0.58:442:58//AC004077
- R-NT2RP2000270//Homo sapiens DNA sequence from PAC 97D16 on chromosome 6p21.3-22.2. Contains an unknown pseudogene, a 60S Ribosomal protein L24 (L30) LIKE pseudogene and histone genes H2BFC (H2B/c), H4FFP (H4/f pseudogene), H2AFC (H2A/c), H3F1K (H3.1/k) and a tRNA-Val pseudogene and tRNA-Thr gene. Contains ESTs, STSs, GSSs and genomic marker D6S464, complete sequence.//1.1e-39:292:84//AL009179
- 40
- 45 R-NT2RP2000274//CIT-HSP-237901.TR CIT-HSP Homo sapiens genomic clone 237901, genomic survey sequence.//6.9e-10:121:81//AQ109409
- 50 R-NT2RP2000288
- R-NT2RP2000289
- 55 R-NT2RP2000297//Homo sapiens full-length insert cDNA clone ZB81C03.//7.7e-109:519:99//AF086165

EP 1 074 617 A2

R-NT2RP2000298

5 R-NT2RP2000310//Homo sapiens p53 induced protein mRNA, partial cds.//1.5e-38:224:93//AF010310

10 R-NT2RP2000327//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs, complete sequence.//4.3e-113:580:96//AL022398

15 R-NT2RP2000329//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.4e-47:367:77//AC006039

20 R-NT2RP2000337//Anopheles quadrimaculatus NADH dehydrogenase subunits (1-4, 4L, 5-6); cytochrome oxidase subunits (1-3); adenosine triphosphatase subunits (6,8); cytochrome b; transfer RNA; ribosomal RNA (large and small subunits).//4.9e-08:494:58//L04272

25 R-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds.//3.4e-46:262:94//U83981

30 R-NT2RP2000369//Homo sapiens chromosome 17, clone HCIT169H9, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.0e-07:334:61//AC002993

35 R-NT2RP2000414//Mouse DNA sequence *** SEQUENCING IN PROGRESS *** from clone BAC394, WORKING DRAFT SEQUENCE.//7.0e-08:98:83//AJ004828

40 R-NT2RP2000420//Homo sapiens chromosome 17, clone hRPK.640_L_15, complete sequence.//0.99:150:62//AC005324

R-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//4.6e-19:142:90//AF102265

45 R-NT2RP2000438//RPCI11-62I13.TK RPCI11 Homo sapiens genomic clone R-62I13, genomic survey sequence.//3.1e-06:103:79//AQ199572

50 R-NT2RP2000448//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//2.0e-22:276:73//AC004691

R-NT2RP2000459//CIT-HSP-2013N9.TR CIT-HSP Homo sapiens genomic clone 2013N9, genomic survey sequence.//5.5e-27:205:87//853940

55 R-NT2RP2000498//Homo sapiens Chromosome 11q23 PAC clone pDJ149k2 containing PLZF gene encoding kruppel-like zinc finger protein, complete sequence.//6.0e-12:119:

EP 1 074 617 A2

84//AC001234

5 R-NT2RP2000503//Human CYP11B2 gene for steroid 18-hydroxylase (P-450 C18), 5'-flanking region and exon 1.//0.48:201:64//D10170

10 R-NT2RP2000510//Bactrocera dorsalis strain Tahiti mitochondrial D-loop region, complete sequence.//3.6e-07:472:59//AF033929

R-nnnnnnnnnnnnn

15 R-NT2RP2000523//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING DRAFT SEQUENCE.//2.3e-61:317:97//AL022318

20 R-NT2RP2000603//Homo sapiens mRNA for MCM3 import factor, complete cds.//6.6e-29:167:97//AB005543

R-NT2RP2000617

25 R-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds.//2.5e-64:335:96//AB014514

30 R-NT2RP2000644//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat.//1.8e-28:383:70//Z92545

35 R-NT2RP2000656//Homo sapiens DNA sequence from PAC 874C20 on chromosome 6p22.1-22.3. Contains a Zinc Finger Protein ZFP47 LIKE gene, a Zinc Finger Protein pseudogene and a Zinc Finger Protein SRE-ZBP pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.0093:110:70//AL021997

40 R-NT2RP2000658//Bacillus thuringiensis chitinase (chi) gene, complete cds.//0.73:301:60//U89796

45 R-NT2RP2000668

R-NT2RP2000678//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 8/15, WORKING DRAFT SEQUENCE.//2.8e-11:256:66//AP000015

50 R-NT2RP2000710//Genomic sequence from Human 17, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.036:176:69//AC002346

55 R-NT2RP2000715//Homo sapiens PAC clone DJ1066K24 from 7p15, complete sequence.//2.7e-110:555:96//AC004540

R-NT2RP2000731//Human DNA sequence from clone 497J21 on chromosome 6q26-27.

EP 1 074 617 A2

Contains a KOC (KH-domain containing transcript overexpressed in cancer) pseudogene, genomic marker D6S193, ESTs, STSs and GSSs, and a ca repeat polymorphism, complete sequence.//2.6e-18:319:68//AL023775

5

R-NT2RP2000758//CIT-HSP-507A14.TP CIT-HSP Homo sapiens genomic clone 507A14, genomic survey sequence.//1.0:189:60//B50590

10

R-NT2RP2000764

R-NT2RP2000809//Human BAC clone RG356F09 from 7p21, complete sequence.//1.7e-24:215:81//AC004002

15

R-NT2RP2000812//CIT-HSP-2281C3.TR CIT-HSP Homo sapiens genomic clone 2281C3, genomic survey sequence.//9.5e-32:176:97//B99575

20

R-nnnnnnnnnnn//paramecium species 5,87 mt dna dimer: replication init. region.//0.0077:418:57//K00916

25

R-NT2RP2000816//F.rubripes GSS sequence, clone 011H02aA6, genomic survey sequence.//0.61:52:73//AL011013

R-NT2RP2000819

30

R-NT2RP2000841//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 43408, WORKING DRAFT SEQUENCE.//0.00012:181:70//AL033504

35

R-NT2RP2000842//Mus musculus (C57BL/10 X C3H)F2 clone 4.9 novel mRNA from reninexpressing kidney tumor cell line, partial sequence.//3.7e-27:388:72//U13370

40

R-NT2RP2000845//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//0.0022:200:68//AC005703

R-NT2RP2000863

45

R-NT2RP2000880//Homo sapiens mRNA for putative GTP-binding protein, partial.//2.3e-43:279:89//AJ006412

50

R-NT2RP2000892//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 7/10.//0.0028:221:62//AB020875

R-NT2RP2000931//Homo sapiens mRNA for KIAA0723 protein, complete cds.//2.2e-55:290:96//AB018266

55

R-NT2RP2000938//Homo sapiens full-length insert cDNA clone ZD55G12.//2.1e-37:215:93//AF086336

EP 1 074 617 A2

R-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds.//3.0e-96:494:96//AB018298

5 R-NT2RP2000965

R-NT2RP2000970//Homo sapiens DNA sequence from BAC 747E2 on chromosome 22q12.1. Contains ESTs, STSs and GSSs and genomic marker D22S56, complete
10 sequence.//4.5e-87:440:97//AL021393

R-NT2RP2000985//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete
15 sequence.//5.4e-93:484:95//AC005277

R-NT2RP2000987//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete
20 sequence.//2.1e-06:318:62//AE001372

R-NT2RP2001036//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
25 410I8, WORKING DRAFT SEQUENCE.//2.0e-24:273:73//AL031732

R-NT2RP2001044//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic
sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//3.3e-07:365:65//AC005140

R-NT2RP2001065//Caenorhabditis elegans cosmid F10G7.//9.2e-06:273:59//U40029

30 R-NT2RP2001070//CITBI-E1-2503F4.TF CITBI-E1 Homo sapiens genomic clone 2503F4,
genomic survey sequence.//0.13:97:72//AQ265973

R-NT2RP2001094//Mycoplasma mycoides mycoides SC immunodominant protein P72 (p72)
35 gene, complete cds, mannitol-1-phosphate dehydrogenase (mt1D) gene, partial cds and
insertion sequence IS1296, complete sequence.//0.018:373:57//U61140

40 R-NT2RP2001119

R-NT2RP2001127//Homo sapiens HRIHFB2060 mRNA, partial cds.//4.5e-55:304:
94//AB015348

45 R-NT2RP2001137//Homo sapiens DNA sequence from clone 511B24 on chromosome
20q11.2-12. Contains the TOP1 gene for Topoisomerase I, the PLCG1 gene for 1-
Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Gamma 1 (EC 3.1.4.11, PLC-
Gamma-1, Phospholipase C-Gamma-1 PLC-II, PLC-148), the KIAA0395 gene for a probable
50 Zinc Finger Homeobox protein and a 60S Ribosomal Protein L23 LIKE pseudogene. Contains
a predicted CpG island, ESTs, STSs and GSSs, complete sequence.//0.69:129:65//AL022394

R-NT2RP2001149//Sequence 5 from Patent US 4798885.//8.5e-28:322:77//I01838

55

R-NT2RP2001168

EP 1 074 617 A2

R-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds.//4.8e-95:490:96//AB 007949

5 R-NT2RP2001174//CIT-HSP-2170B18.TR CIT-HSP Homo sapiens genomic clone 2170B18, genomic survey sequence.//1.3e-33:204:93//B89680

10 R-NT2RP2001196//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-65, complete sequence.//1.7e-06:413:61//AL010134

15 R-NT2RP2001218//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence.//8.5e-15:278:68//AL022153

20 R-NT2RP2001226//Human DNA sequence from clone 1170D6 on chromosome Xq22.3-23. Contains a pseudogene similar to U-SNRNP associated Cyclophilin (USA-CYP, EC 5.2.1.8), ESTs, an STS and a GSS, complete sequence.//0.0020:462:57//AL030995

R-NT2RP2001233//CIT-HSP-2356P23.TR CIT-HSP Homo sapiens genomic clone 2356P23, genomic survey sequence.//8.0e-108:547:96//AQ081110

25 R-NT2RP2001245//Spodoptera frugiperda 16S rRNA gene, Val-tRNA, and Leu-tRNA genes, and ND-1 protein gene, 5' end.//0.0052:350:58//M76713

30 R-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds.//4.6e-111:544:97//AB018353

35 R-NT2RP2001277//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y59A8, WORKING DRAFT SEQUENCE.//0.0058:327:59//Z98870

R-NT2RP2001290//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.96:187:65//AC004709

40 R-NT2RP2001295//Homo sapiens BAC clone NH0491B03 from 7p21-p15, complete sequence.//0.59:218:62//AC006041

45 R-NT2RP2001312//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING DRAFT SEQUENCE.//0.12:117:64//AL033520

50 R-NT2RP2001327//Caenorhabditis elegans cosmid R04D3, complete sequence.//0.31:119:66//Z70212

55 R-NT2RP2001328//HS_2213_A1_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2213 Col=13 Row=G, genomic survey sequence.//1.7e-22:200:83//AQ136874

R-NT2RP2001347//Plasmodium falciparum MAL3P8, complete sequence.//0.81:509:56//AL034560

EP 1 074 617 A2

- R-NT2RP2001378//H.sapiens DNA sequence.//0.94:147:63//Z22404
- 5 R-NT2RP2001381//Homo sapiens cyclin E2 mRNA, complete cds.//3.2e-09:75:97//AF091433
- R-NT2RP2001392//Myxococcus xanthus ATP-dependent protease (bsgA) gene, complete cds.//0.079:178:62//L19301
- 10 R-NT2RP2001394//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//3.4e-60:351:90//Z93242
- 15 R-NT2RP2001397//Hamster mRNA for cyclinB2, complete cds.//5.4e-55:320:83//D17294
- R-NT2RP2001420//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1108D11, WORKING DRAFT SEQUENCE.//1.0e-44:246:85//AL034419
- 20 R-NT2RP2001423//Human DNA sequence from clone 726F20 on chromosome 1p36.11-36.23. Contains ESTs and a GSS, complete sequence.//3.7e-05:417:61//AL031273 R-NT2RP2001427//Human Chromosome 11 Cosmid cSRL34e5, complete sequence.//0.94:287:59//U73643
- 25 R-NT2RP2001436//Mus musculus clone OST1784, genomic survey sequence.//5.2e-31:299:77//AF046702
- 30 R-NT2RP2001440//Rattus norvegicus mRNA for 14-3-3 protein gamma-subtype, complete cds.//7.8e-75:548:83//D17447
- 35 R-NT2RP2001445//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.0e-06:452:59//AC004801
- 40 R-NT2RP2001449//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//5.1e-08:218:67//AC004846
- R-NT2RP2001450
- 45 R-NT2RP2001467//Human BAC clone RG343P13 from 7q31, complete sequence.//3.8e-31:254:83//AC002465
- R-NT2RP2001506//C.barati p-47, ntnt, bonT genes.//1.2e-06:415:60//Y12091
- 50 R-NT2RP2001511//Plasmodium falciparum MAL3P7, complete sequence.//0.11:155:63//AL034559
- 55 R-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1.//2.1e-104:545:95//Y14494

EP 1 074 617 A2

R-NT2RP2001526//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//7.0e-16:283:68//AC004596

5 R-NT2RP2001536//Human DNA from chromosome 14-specific cosmid containing XRCC3 DNA repair gene, genomic sequence, complete sequence.//7.7e-16:108:96//AF037222

10 R-NT2RP2001560//CIT978SK-A-56H4.TP CIT978SK Homo sapiens genomic clone A-56H4, genomic survey sequence.//0.052:112:66//B73597

15 R-NT2RP2001569//CIT-HSP-2335F8.TF CIT-HSP Homo sapiens genomic clone 2335F8, genomic survey sequence.//6.0e-78:383:98//AQ042029

R-NT2RP2001576//Homo sapiens sulfonylurea receptor (SUR2) gene, exon 37.//0.33:135:66//AF061322

20 R-NT2RP2001581//Homo sapiens (clone MFD220) PCR primer.//2.7e-07:240:63//L15407

25 R-NT2RP2001597//HS_3016_B2_F06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3016 Col=12 Row=L, genomic survey sequence.//5.3e-45:310:87//AQ118854

30 R-NT2RP2001601//Homo sapiens chromosome 17, clone hRPK.855_D_21, complete sequence.//0.015:445:58//AC006079

R-NT2RP2001613//Mus musculus orphan nuclear hormone receptor (CAR) gene, complete sequence.//3.5e-16:413:63//AF009326

35 R-NT2RP2001628//Phytomonas serpens kinetoplast maxicircle ribosomal protein S12 (G6) edited mRNA, complete cds.//0.11:190:63//AF034626

40 R-NT2RP2001663//Homo sapiens Chromosome 16 BAC clone CIT987SK-625P11, complete sequence.//3.0e-26:157:81//AC004125

45 R-NT2RP2001677//Homo sapiens chromosome 9, P1 clone 11659, complete sequence.//3.0e-58:305:96//AC004472

R-NT2RP2001678//Human BAC clone RG222A16 from 7q31, complete sequence.//0.95:107:66//AC002385

50 R-NT2RP2001699//Mus musculus erythroid ankyrin and two alternatively spliced erythroid ankyrins (Ank1) gene, putative exon 41 and partial cds.//8.8e-05:211:63//U76758

55 R-NT2RP2001720//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//4.7e-68:352:97//AC004079

R-NT2RP2001721//HS-1052-B1-G06-MF.abi CIT Human Genomic Sperm Library C Homo

EP 1 074 617 A2

sapiens genomic clone Plate=CT 774 Col=11 Row=N, genomic survey sequence.//7.7e-05:346:59//B40914

5 R-NT2RP2001740//HS_3213_A2_D02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3213 Col=4 Row=G, genomic survey sequence.//1.1e-16:162:82//AQ175104

10 R-NT2RP2001748//Human gene for L-histidine decarboxylase, complete cds.//2.0e-33:312:77//D16583

15 R-NT2RP2001762//Homo sapiens chromosome 1, BAC CIT-HSP-292g8 (BC262482), complete sequence.//2.3e-100:435:97//AC004783

20 R-NT2RP2001813//Human leukocyte common antigen T200 (CD45, LCA) gene, exon 9.//0.031:261:60//M23468

R-NT2RP2001861

25 R-NT2RP2001869//Sequence 5 from patent US 5595900.//4.2e-21:194:77//I34189

R-NT2RP2001876

30 R-NT2RP2001883//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//5.0e-111:485:97//AL031864

R-NT2RP2001900

35

R-NT2RP2001907//Human proto-oncogene tyrosine-protein kinase (ABL) gene, exon 1a and exons 2-10, complete cds.//5.4e-42:382:77//U07563

40 R-NT2RP2001926//HS_3180_B2_F02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3180 Col=4 Row=L, genomic survey sequence.//2.8e-25:138:80//AQ185415

45 R-NT2RP2001936//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0:320:60//AC005504

50 R-NT2RP2001943//Dictyostelium discoideum PkgA (pkgA) gene, partial cds.//1.4e-08:378:59//AF020280

R-NT2RP2001946//Homo sapiens clone NH0140K04, complete sequence.//3.6e-85:409:100//AC005033

55

R-NT2RP2001947//Human mRNA for KIAA0390 gene, complete cds.//0.85:140:64//AB002388

EP 1 074 617 A2

- R-NT2RP2001969
- 5 R-NT2RP2001976//CIT-HSP-2281C3.TR CIT-HSP Homo sapiens genomic clone 2281C3,
genomic survey sequence.//2.0e-60:307:98//B99575
- 10 R-NT2RP2001985//Arabidopsis thaliana DNA chromosome 4, BAC clone F1N20 (ESSAll
project).//0.031:282:61//AL022140
- R-NT2RP2002025
- 15 R-NT2RP2002032//CITBI-E1-2502C19.TF CITBI-E1 Homo sapiens genomic clone 2502C19,
genomic survey sequence.//1.2e-52:285:95//AQ264715
- 20 R-NT2RP2002033//Human (lambda) DNA for immunoglobulin light chain.//1.1e-08:389:
61//D88270
- R-NT2RP2002041//Homo sapiens 12p13.3 BAC RPC11-319E16 (Roswell Park Cancer
Institute Human BAC Library) complete sequence.//1.1e-49:264:97//AC006206
- 25 R-NT2RP2002046//Human BAC clone GS119P05 from 7q21, complete sequence.//0.0023:
429:61//AC004011
- 30 R-NT2RP2002047//P.falciparum PK1 gene.//0.00015:239:62//X83707
- R-NT2RP2002058//HS_2183_A1_G01_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2183 Col=1 Row=M, genomic survey sequence.//1.2e-
35 21:185:84//AQ022560
- R-NT2RP2002066//G.gallus microsatellite DNA (LEI0222 (=T15ivD04)).//0.18:102:70//Z83792
- 40 R-NT2RP2002070//P.falciparum major merozoite surface antigen (PMMSA) mRNA, complete
cds, isolate FC27.//0.95:192:61//M19143
- 45 R-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence.//3.8e-25:182:
86//AF052183
- 50 R-NT2RP2002079//Human DNA sequence from clone 431P23 on chromosome 6q27.
Contains the first coding exon of the MLLT4 gene for myeloid/lymphoid or mixed-lineage
leukemia (trithorax (Drosophila) homolog); translocated to, 4 (AF-6, Afadin, MLLT-4, ALL-1
fusion partner), and a Serine Palmitoyltransferase 2 (EC 2.3.1.50, Long Chain Base
Biosynthesis protein 2, LCB-2, SPT-2) pseudogene. Contains ESTs, STss, GSSs, and a
putative CpG island, complete sequence.//1.7e-10:97:90//AL009178
- 55 R-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//4.6e-59:376:
89//AJ007509

EP 1 074 617 A2

R-NT2RP2002105

5 R-NT2RP2002124//RPCI11-75J16.TJ RPCI11 Homo sapiens genomic clone R-75J16, genomic survey sequence.//0.58:191:64//AQ266779

10 R-NT2RP2002137//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library) complete sequence.//0.0065:294:61//AC005913

R-NT2RP2002154

15 R-NT2RP2002172//RPCI11-90C20.TJ RPCI11 Homo sapiens genomic clone R-90C20, genomic survey sequence.//0.049:160:65//AQ282591

20 R-NT2RP2002185//CIT-HSP-2341I15.TF CIT-HSP Homo sapiens genomic clone 2341I15, genomic survey sequence.//6.0e-36:230:90//AQ053355

25 R-NT2RP2002192//HS_2222_B1_F08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2222 Col=15 Row=L, genomic survey sequence.//1.9e-15:249:71//AQ178491

30 R-NT2RP2002193//Rattus norvegicus potassium channel regulatory protein KChAP mRNA, complete cds.//4.7e-35:438:73//AF032872

R-NT2RP2002208//Hansenula wingei mitochondrial DNA, complete sequence.//0.00057:468:57//D31785

35 R-NT2RP2002219//HS_2058_A1_C09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=17 Row=E, genomic survey sequence.//3.4e-55:512:77//AQ234380

40 R-NT2RP2002231//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-31, complete sequence.//1.5e-06:398:61//Z98557

45 R-nnnnnnnnnnn//Sequence 11 from patent US 5624818.//3.3e-91:553:87//I41141

R-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds.//3.0e14:132:84//AF005418

50 R-NT2RP2002259//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 118J21, WORKING DRAFT SEQUENCE.//1.6e-96:548:91//AL033527

55 R-NT2RP2002270//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//5.1e-06:391:60//AC004605

R-NT2RP2002292//Genomic sequence from Human 13, complete sequence.//0.91:159:

EP 1 074 617 A2

64//AC001226

- 5 R-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial
cds.//1.3e-101:527:94//AF069532
- 10 R-NT2RP2002316//Plasmodium falciparum chromosome 2, section 45 of 73 of the complete
sequence.//0.00052:389:59//AE001408
- R-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA,
complete cds.//2.3e-112:567:95//AF093668
- 15 R-NT2RP2002333//Rat POU domain factor (Brn-5) mRNA.//1.5e-22:323:73//L23204
- R-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA,
complete cds.//3.7e-102:600:89//AF038958
- 20 R-NT2RP2002394//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic
sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.039:399:59//AC005308
- 25 R-NT2RP2002408//HS_2212_A1_E09_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2212 Col=17 Row=I, genomic survey sequence.//9.6e-
35:231:88//AQ184632
- 30 R-NT2RP2002426//Human DNA sequence from clone 101G11 on chromosome 22q12.
Contains an ACO2 (Mitochondrial Aconitate Hydratase (Aconitase, Citrate Hydro-Lyase, EC
4.2.1.3)) pseudogene, ESTs, STSs, GSSs and a putative CpG island, complete
sequence.//2.8e-39:308:82//AL021877
- 35 R-NT2RP2002439//Leishmania tarentolae mitochondrial electron transport chain component
mRNA.//0.022:102:71//M74225
- 40 R-NT2RP2002457//Homo sapiens DNA sequence from PAC 142L7 on chromosome 6q21.
Contains a Laminin Alpha 4 (LAMA4) LIKE gene coding for two alternatively spliced
transcripts, a Tubulin Beta LIKE pseudogene, a Connective tissue growth factor (NOV, GIG)
LIKE gene, A predicted CpG island, ESTs, STSs and genomic marker D6S416, complete
45 sequence.//0.00099:354:59//Z99289
- R-NT2RP2002464//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome
region), segment 6/15, WORKING DRAFT SEQUENCE.//0.0015:219:67//AP000013
- 50 R-NT2RP2002475
- R-nnnnnnnnnnnn//Homo sapiens mRNA for ABC transporter 7 protein, complete cds.//3.1e-
55 113:605:92//AB005289
- R-NT2RP2002498//Human DNA sequence from PAC 162H14 on chromosome 22. Contains

EP 1 074 617 A2

3' part of a FIBULIN 1 like gene and ESTs, complete sequence.//0.32:210:64//Z98047

5 R-NT2RP2002503//Homo sapiens, clone hRPK.15_A_1, complete sequence.//4.0e-86:429:98//AC006213

10 R-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds.//2.7e-105:583:91//AB018334

R-NT2RP2002520//Saccharomyces cerevisiae mitochondrial tRNA-Tyr, tRNA-Asn, & amp; tRNA-Met genes.//0.14:406:58//AJ223323

15 R-NT2RP2002537//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 500L14, WORKING DRAFT SEQUENCE.//2.8e-16:188:78//AL023583

20 R-NT2RP2002546//Homo sapiens clone TUA8 Cri-du-chat region mRNA.//4.7e-108:571:93//AF009314

25 R-NT2RP2002549//Human Chromosome 15q26.1 PAC clone pDJ10k5 containing human DNA polymerase gamma (polg) gene, complete sequence.//1.1e-103:422:95//AC005316

R-NT2RP2002591//Human DNA binding protein (HPF2) mRNA, complete cds.//1.8e-36:526:67//M27878

30 R-NT2RP2002595

R-NT2RP2002606//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 2705, WORKING DRAFT SEQUENCE.//7.2e-10:211:71//AL033529

35 R-NT2RP2002609

40 R-NT2RP2002618//Plasmodium falciparum MAL3P6, complete sequence.//2.9e-05:566:60//Z98551

45 R-NT2RP2002621//Human DNA sequence from PAC 341I10 on chromosome 6q22.2-22.33. Contains 60S ribosomal protein L5 like (pseudo)gene, ESTs and STSs.//1.1e-38:348:78//Z97352

50 R-NT2RP2002643//Homo sapiens chromosome 11 clone pTWB15.28 map 11p15.4-p15.5, genomic survey sequence.//1.2e-35:414:66//AF074030

R-NT2RP2002672//Homo sapiens chromosome 10 clone CIT-HSP-1326H7 map 10q24.3-10q25.1, complete sequence.//1.3e-77:403:95//AC005384

55 R-NT2RP2002701

R-NT2RP2002706//Homo sapiens chromosome 19, cosmid F22676, complete

EP 1 074 617 A2

sequence.//4.0e-42:147:90//AC005778

R-NT2RP2002710//P.falciparum serine rich protein (SERP I) gene.//0.84:135:67//J03983

5

R-NT2RP2002727//, complete sequence.//1.0:363:59//AC005815

R-NT2RP2002736//Arabidopsis thaliana chromosome II BAC T17M13 genomic sequence,
complete sequence.//0.44:267:60//AC004138

10

R-NT2RP2002740//Homo sapiens Xp22 BAC GSHB-600G8 (Genome Systems Human BAC
library) complete sequence.//0.0016:474:60//AC004674

15

R-NT2RP2002741//HS_3051_B1_H11_MF CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3051 Col=21 Row=P, genomic survey sequence.//1.1e-
38:217:86//AQ106283

20

R-NT2RP2002750//Homo sapiens 12q24.1 PAC RPCI1-315L5 (Roswell Park Cancer
Institute Human PAC library) complete sequence.//5.0e-36:430:75//AC002395

25

R-NT2RP2002752//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
366L4, WORKING DRAFT SEQUENCE.//8.2e-41:437:76//AL023494

30

R-NT2RP2002753//Homo sapiens clone DJ076B20, WORKING DRAFT SEQUENCE, 6
unordered pieces.//6.8e-100:496:97//AC004882

35

R-NT2RP2002769//paramecium species 5,311 mt dna dimer: replication init. region.//7.4e-
10:404:60//K00917

R-NT2RP2002778//Homo sapiens clone 24606 mRNA sequence.//1.2e-63:341:
94//AF070537

40

R-NT2RP2002800//RPCI11-37G8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-37G8,
genomic survey sequence.//4.9e-60:321:95//AQ029850

45

R-NT2RP2002839//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing
uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces.//2.9e-100:492:
98//AC006078

50

R-NT2RP2002857//HS_3026_B2_H07_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3026 Col=14 Row=P, genomic survey sequence.//8.9e-
06:242:62//AQ 128697

55

R-NT2RP2002862//RPCI11-42I15.TJ RPCI11 Homo sapiens genomic clone R-42I15,
genomic survey sequence.//1.5e-44:270:85//AQ052700

R-NT2RP2002880//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone

EP 1 074 617 A2

150C2, WORKING DRAFT SEQUENCE.//1.0:295:58//AL022318

R-NT2RP2002891

5

R-NT2RP2002925//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 243L18, WORKING DRAFT SEQUENCE.//2.0e-24:395:67//AL034395

10

R-NT2RP2002928//Plasmodium falciparum MAL3P5, complete sequence.//0.044:461:55//AL034556

15

R-NT2RP2002929//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.35:491:56//AC005140

20

R-NT2RP2002954//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//1.0:275:61//AC005701

25

R-NT2RP2002959//Mus musculus ubiquitin conjugating enzyme (ubc4) mRNA, complete cds.//2.7e-61:508:79//U62483

30

R-NT2RP2002979//RPCI11-20F13.TPK RPCI-11 Homo sapiens genomic clone RPCI-11-20F13, genomic survey sequence.//0.88:110:72//AQ008132

35

R-NT2RP2002980//Homo sapiens PAC clone DJ0841B21 from 7q21.1-q31.1, complete sequence.//1.1e-102:433:95//AC004140

40

R-NT2RP2002986//Human DNA sequence from clone 1147O16 on chromosome Xp21.1-21.3. Contains 13 exons of the DMD muscular dystrophy gene. Contains an STS and GSSs, complete sequence.//0.31:219:62//AL031542

45

R-NT2RP2002987//Homo sapiens chromosome 18, clone hRPK.24_A_23, complete sequence.//1.3e-51:283:88//AC005968

50

R-NT2RP2002993//Human DNA sequence from PAC 106B9 on chromosome Xq21://4.3e-11:430:63//AL021307

R-NT2RP2003000//Saccharomyces cerevisiae mitochondrion transfer RNA- Leu, Gln, Lys, Arg, Gly, Asp, Ser2, Arg2, Ala, Ile, Tyr, Asn genes.//0.00088:347:62//L36887

R-NT2RP2003034//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 2/10.//3.5e-33:271:82//AB020870

R-NT2RP2003073

55

R-NT2RP2003099//Homo sapiens PAC clone DJ0886O08 from 7q32-q35, complete sequence.//1.5e-45:548:69//AC004914

EP 1 074 617 A2

R-NT2RP2003108

5 R-NT2RP2003117//Homo sapiens clone DJ1137M13, complete sequence.//2.0e-51:323:88//AC005378

10 R-NT2RP2003121//HS_2238_A1_E08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2238 Col=15 Row=I, genomic survey sequence.//0.00055:324:61//AQ293058

R-NT2RP2003125

15 R-NT2RP2003129

20 R-NT2RP2003137//Human BAC clone RG084D04 from 7q31, complete sequence.//1.1e-46:521:74//AC003084

R-NT2RP2003161//Homo sapiens chromosome 10 clone CIT-HSP-1287C20, complete sequence.//1.0:368:59//AC005879

25 R-NT2RP2003164//Dictyostelium discoideum actin 4 gene, 3' UTR.//1.0:120:64//M25581

30 R-NT2RP2003165//Homo sapiens chromosome 17, clone hRPK.1018_N_14, complete sequence.//2.2e-71:467:86//AC005823

R-NT2RP2003177

35 R-NT2RP2003194//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 996D20, WORKING DRAFT SEQUENCE.//1.1e-95:585:88//AL031597

40 R-NT2RP2003206//P.falciparum interspersed repeat antigen (FIRA) gene.//0.039:338:60//M17877

R-NT2RP2003230//Plasmodium falciparum MAL3P6, complete sequence.//1.9e-11:542:60//Z98551

45 R-NT2RP2003237//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MDH9, complete sequence.//1.0:311:60//AB016888

50 R-NT2RP2003243//CIT-HSP-2368D12.TR CIT-HSP Homo sapiens genomic clone 2368D12, genomic survey sequence.//0.39:112:66//AQ077738

55 R-NT2RP2003265//Muridae sp. (mouse-rat, neuroblastoma-glioma hybrid cell line NGD5) mRNA, complete cds.//1.3e-38:273:83//L38481

R-NT2RP2003272//Homo sapiens clone UWGC:y17c131 from 6p21, complete sequence.//4.4e-15:181:66//AC004187

EP 1 074 617 A2

- 5 R-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds.//4.2e-110:565:95//AB014525
- R-NT2RP2003280//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//3.2e-12:221:70//AC005831
- 10 R-NT2RP2003286//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//0.86:379:60//AC005261
- 15 R-NT2RP2003293//Homo sapiens clone RG252P22, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0e-39:418:74//AC005079
- 20 R-NT2RP2003295//HS_2053_B1_A10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2053 Col=19 Row=B, genomic survey sequence.//0.0016:346:61//AQ235251
- 25 R-NT2RP2003297//Arabidopsis thaliana chromosome II BAC F4P9 genomic sequence, complete sequence.//0.74:397:56//AC002332
- R-NT2RP2003308//Homo sapiens PAC clone DJ1098B01 from 7q11.23-q21, complete sequence.//0.99:447:60//AC004960
- 30 R-NT2RP2003329//C.reinhardtii psbB 5' flanking region.//0.79:161:59//X59731
- 35 R-NT2RP2003339//RPCI11-57H15.TK RPCI11 Homo sapiens genomic clone R-57H15, genomic survey sequence.//0.13:184:64//AQ116039
- R-NT2RP2003347//RPCI11-15B19.TV RPCI-11 Homo sapiens genomic clone RPCI-11-15B19, genomic survey sequence.//6.4e-31:218:89//B76357
- 40 R-NT2RP2003367//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence.//9.0e-11:101:84//U91321
- 45 R-NT2RP2003391//HS_2255_B2_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2255 Col=8 Row=D, genomic survey sequence.//1.6e-38:247:90//AQ068937
- 50 R-NT2RP2003393//RPCI11-44K6.TJ RPCI11 Homo sapiens genomic clone R-44K6, genomic survey sequence.//3.9e-31:290:79//AQ202481
- 55 R-NT2RP2003394//Yeast mitochondrial oxi3 gene exon 1 for cytochrome c oxidase subunit I.//5.1e-14:579:61//X14910
- R-NT2RP2003401//Caprine arthritis-encephalitis virus tat protein (tat) and envelope glycoprotein (env) gene, partial cds.//0.32:174:66//U81429

EP 1 074 617 A2

- R-NT2RP2003433//Ascidian mRNA for HRSec61, complete cds.//1.5e-10:193:69//D25536
- 5 R-NT2RP2003445//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//4.4e-99:585:89//AL023808
- R-NT2RP2003446
- 10 R-NT2RP2003456//Plasmodium falciparum MAL3P7, complete sequence.//0.98:399:57//AL034559
- 15 R-NT2RP2003480//Homo sapiens full-length insert cDNA clone ZE09A11.//4.7e-111:540:98//AF086540
- R-NT2RP2003499
- 20 R-NT2RP2003506
- R-NT2RP2003511
- 25 R-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds.//4.1e-107:566:93//D87460
- 30 R-NT2RP2003517//Human c-sis/platelet-derived growth factor 2 (SIS/PDGF2) mRNA, complete cds.//1.5e-60:518:79//M12783
- R-NT2RP2003522//HS_2182_A1_D05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2182 Col=9 Row=G, genomic survey sequence.//0.053:251:60//AQ024304
- 35 R-NT2RP2003533//Homo sapiens chromosome 12p13.3 clone RPCI4-816N1, WORKING DRAFT SEQUENCE, 31 unordered pieces.//1.5e-37:328:80//AC005841
- 40 R-NT2RP2003543//HS_3028_A2_C12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3028 Col=24 Row=E, genomic survey sequence.//2.0e-39:203:100//AQ094957
- 45 R-NT2RP2003559//Homo sapiens full-length insert cDNA clone ZD65E09.//2.3e-59:325:95//AF088055
- 50 R-NT2RP2003564
- R-NT2RP2003581
- 55 R-NT2RP2003596//HS_2163_B1_D11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2163 Col=21 Row=H, genomic survey sequence.//0.0011:212:67//AQ125143

EP 1 074 617 A2

R-NT2RP2003604/Homo sapiens alpha-catenin-like protein mRNA, complete cds.//5.4e-102.501.97/1197067

R-NT2RP2003629//*Plasmodium falciparum* 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.0012:363:61//AC005507

R-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase //5.1e-37.561.68//AJ006215

R-NT2RP2003668//Human DNA sequence from PAC 24608, between markers DXS6791 and DXS8038 on chromosome X contains ESTs//0.0053:395:58//Z76735

R-NT2RP2003687//Human BAC clone RG222A16 from 7q31, complete sequence.//8.0e-10:
205.67//AC002385

R-NT2RP2003691//HS_3252_A2_A11_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3252 Col=22 Row=A, genomic survey sequence.//5.3e-
05:332:60//AQ219783

R-NT2RP2003702//CIT-HSP-2333P5.TF CIT-HSP Homo sapiens genomic clone 2333P5,
genomic survey sequence.//3.9e-43:431.75//AQ035000

R-NT2RP2003704

R-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds./2.6e-45:265:93//AR011097

R-NT2RP2003713//Human DNA sequence from PAC 411B6 on chromosome X */0.64:169:67//Z84470

R-NT2RP2003714//Human DNA sequence from 4PTEL, Huntington's Disease Region,
chromosome 4p16.3//4.6e-11:152.73//295704

R-ooooooooooooo//H.sapiens mRNA for PIBF1 protein. complete.//0.94:443:59//Y09631

R-NT2RP2003737//Homo sapiens clone DJ102214, WORKING DRAFT SEQUENCE, 14
unordered pieces//2 2e-109:547-96//AC004951

R-NT2RP2003751//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-427H10,
complete sequence.//4.1e-109:545:97//AC004626

R-NT2RP2003760//B. taurus mRNA for gamma-COP.//6.3e-28;400:69//X70019

R-NT2RP2003764//Mouse preprosomatostatin gene.//0.90:285:62//X51468

EP 1 074 617 A2

R-NT2RP2003769//Schizosaccharomyces pombe gene for protein involved in sexual development, complete cds.//0.96:446:58//D87956

5 R-NT2RP2003770//Homo sapiens sperm acrosomal protein mRNA, complete cds.//1.8e-104:531:96//AF047437

R-NT2RP2003777

10

R-NT2RP2003781//HS_3109_B1_B04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3109 Col=7 Row=D, genomic survey sequence.//1.3e-60:346:92//AQ186749

15

R-NT2RP2003793

R-NT2RP2003840

20

R-NT2RP2003857//HS_2205_A2_H12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2205 Col=24 Row=O, genomic survey sequence.//8.1e-22:127:99//AQ151299

25

R-NT2RP2003859//RPCI11-37G8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-37G8, genomic survey sequence.//8.3e-60:320:95//AQ029850

30

R-NT2RP2003871//HS_3210_A1_C08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3210 Col=15 Row=E, genomic survey sequence.//8.6e-09:322:61//AQ175028

35

R-NT2RP2003885//RPCI11-7M10.TP RPCI-11 Homo sapiens genomic clone RPCI-11-7M10, genomic survey sequence.//4.7e-67:380:92//B72214

40

R-NT2RP2003912//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE.//1.2e-33:379:75//AL023693

R-NT2RP2003952

45

R-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds.//2.3e-114:568:97//AB014458

50

R-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds.//1.1e-107:540:97//AB007916

55

R-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds.//7.7e-114:568:96//AB018347

R-NT2RP2003984

EP 1 074 617 A2

R-NT2RP2003986//Human Chromosome 11 pac pDJ197h17, WORKING DRAFT SEQUENCE, 11 unordered pieces.//6.6e-99:551:92//AC0003 82

5 R-NT2RP2003988

R-NT2RP2004014

10 R-NT2RP2004041//Homo sapiens chromosome 19, cosmid F17127, complete sequence.//4.9e-114:568:97//AC004780

15 R-NT2RP2004042//nbxb0020F03r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0020F03r, genomic survey sequence.//0.11:195:64//AQ258389

20 R-nnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 134019, WORKING DRAFT SEQUENCE.//7.6e-110:564:95//AL034555

R-NT2RP2004081//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.012:503:57//AC005308

25 R-NT2RP2004098//H.sapiens CpG island DNA genomic Mse1 fragment, clone 133h3, reverse read cpg133h3.rt1a.//7.9e-25:140:100//Z64530

30 R-NT2RP2004124

R-NT2RP2004142//CIT-HSP-2316F21.TR CIT-HSP Homo sapiens genomic clone 2316F21, genomic survey sequence.//2.8e-83:409:98//AQ034964

35 R-NT2RP2004152//HS_3065_A2_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3065 Col=8 Row=G, genomic survey sequence.//2.5e-62:304:100//AQ137776

40 R-NT2RP2004165//Anthocidaris crassispina mRNA for dynein beta-heavy chain, complete cds.//3.4e-20:343:65//D01021

45 R-NT2RP2004170//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B33108; HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//2.5e-89:587:86//AC004064

50 R-NT2RP2004172//Dictyostelium discoideum LTR-retrotransposon Skipper, partial genomic sequence, 3' end.//0.24:440:60//AF017047

55 R-NT2RP2004187//RPCI11-59E12.TK RPCI11 Homo sapiens genomic clone R-59E12, genomic survey sequence.//3.1e-05:175:66//AQ198120

R-NT2RP2004194

EP 1 074 617 A2

R-NT2RP2004196//Fugu rubripes GSS sequence, clone 076D01bE2, genomic survey sequence.//1.6e-22:178:71//AL026601

5 R-NT2RP2004207//Homo sapiens BAC clone GS421I03 from Xq25-q26, complete sequence.//0.19:175:64//AC005023

10 R-NT2RP2004226//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//6.1e-17:445:64//AL023808

15 R-NT2RP2004232//M.musculus (Balb/c) mRNA for serine/threonine protein kinase.//3.2e-25:326:71//Z34524

R-NT2RP2004239//Homo sapiens lok mRNA for protein kinase, complete cds.//8.7e-108:563:94//AB015718

20 R-NT2RP2004240//Homo sapiens antigen NY-CO-1 (NY-CO-1) mRNA, complete cds.//1.1e-101:530:93//AF039687

25 R-NT2RP2004242

R-NT2RP2004245//Homo sapiens DNA sequence from PAC 455H14 on chromosome Xq21.3-22.3. Contains genomic marker DXS1203 with a CA repeat polymorphism, STSs and GSSs, complete sequence.//5.1e-08:236:65//AL023280

30 R-NT2RP2004270//Lycopersicon esculentum ldh2 gene.//0.98:259:61//Y10603

35 R-NT2RP2004300//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1068F16, WORKING DRAFT SEQUENCE.//5.0e-14:396:65//AL023913

40 R-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds.//1.5e-108:544:96//AF000416

R-NT2RP2004321//Caenorhabditis elegans cosmid F47B8, complete sequence.//0.0078:333:61//Z77662

45 R-NT2RP2004339//Homo sapiens PAC clone DJ1136G13 from 7q35-q36, complete sequence.//1.4e-75:306:86//AC005229

50 R-NT2RP2004347//RPCI11-90N11.TJ RPCI11 Homo sapiens genomic clone R-90N11, genomic survey sequence.//2.9e-87:494:92//AQ284548

55 R-NT2RP2004364//Human DNA sequence from clone 422F24 on chromosome 6q24.1-25.2. Contains a novel gene similar to C. elegans C02C2.5. Contains ESTs, STSs and GSSs, complete sequence.//4.2e-10:161:76//AL031010

R-NT2RP2004365//Plasmodium falciparum chromosome 2, section 70 of 73 of the complete

EP 1 074 617 A2

sequence.//3.6e-08:483:57//AE001433

5 R-NT2RP2004366//F.rubripes GSS sequence, clone 013B16aF3, genomic survey
sequence.//2.1e-05:128:67//AL000528

10 R-NT2RP2004373//Homo sapiens 12q24.2 BAC RPC111-407A16 (Roswell Park Cancer
Institute Human BAC Library) complete sequence.//0.81:205:62//AC006065

15 R-NT2RP2004389//HS_2183_B2_H04_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2183 Col=8 Row=P, genomic survey sequence.//3.9e-
06:82:84//AQ063969

20 R-NT2RP2004392//Ceratovacuna sp. mitochondrial cytochrome oxidase I (3' end),
cytochrome oxidase II (complete cds) and transfer RNA-Leu gene.//2.7e-06:495:58//L39993

25 R-NT2RP2004396//Homo sapiens BAC clone RG135C18 from 7q21, complete
sequence.//6.4e-11:572:96//AC005164

30 R-NT2RP2004399//Arabidopsis thaliana chromosome I BAC F11M15 genomic sequence,
complete sequence.//0.13:253:64//AC006085

35 R-NT2RP2004400//HS_3238_A2_H11_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3238 Col=22 Row=O, genomic survey sequence.//5.1e-
23:162:89//AQ211412

40 R-NT2RP2004412//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I
(COXI) gene, complete cds.//2.6e-09:458:60//M97514

45 R-NT2RP2004425//Human DNA sequence from clone 1052M9 on chromosome Xq25.
Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease
(lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1)
LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs, complete
sequence.//0.99:481:56//AL022718

50 R-NT2RP2004476//Rattus norvegicus activity and neurotransmitter-induced early gene 6
(ania-6) mRNA, 3'UTR.//5.3e-99:600:90//AF030091

55 R-NT2RP2004490//Homo sapiens chromosome 16, P1 clone 94-10H (LANL), complete
sequence.//3.9e-115:575:97//AC005591

60 R-NT2RP2004512//Plasmodium falciparum MAL3P3, complete sequence.//0.00034:517:
58//Z98547

65 R-NT2RP2004523//Homo sapiens clone DJ0800G07, complete sequence.//1.8e-115:571:
97//AC004890

EP 1 074 617 A2

R-NT2RP2004538//Homo sapiens BAC clone RG318C11 from 7p14-p15, complete sequence.//1.7e-47:322:87//AC005091

5 R-NT2RP2004551//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence.//0.035:511:58//AC005184

10 R-NT2RP2004568//T7C20-Sp6 TAMU Arabidopsis thaliana genomic clone T7C20, genomic survey sequence.//0.70:446:54//B08766

15 R-NT2RP2004580//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 136B1, WORKING DRAFT SEQUENCE.//2.2e-53:397:74//AL031768

R-NT2RP2004587//CIT-HSP-2376P22.TF CIT-HSP Homo sapiens genomic clone 2376P22, genomic survey sequence.//0.0079:223:63//AQ108976

20 R-NT2RP2004594//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//5.3e-10:493:62//AC004605

25 R-NT2RP2004600//Homo sapiens full-length insert cDNA clone ZE04E06.//2.1e-70:343:99//AF086522

30 R-NT2RP2004602//Homo sapiens full-length insert cDNA clone YW26E09.//2.0e-96:528:93//AF086033

R-NT2RP2004614

35 R-NT2RP2004655//Homo sapiens mRNA for leucine rich protein.//7.3e-117:587:96//AJ006291

40 R-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds.//1.8e-105:520:96//AB007929

R-NT2RP2004675//Human elastin (ELN) gene, partial cds, and LIM-kinase (LIMK1) gene, complete cds.//3.4e-22:197:79//U63721

45 R-NT2RP2004681//Rat notch 2 mRNA.//8.0e-30:276:78//M93661

50 R-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds.//1.6e-118:600:96//AB014525

R-NT2RP2004709//Homo sapiens full-length insert cDNA clone ZD42A08.//3.5e-14:139:86//AF086259

55 R-NT2RP2004710//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING DRAFT SEQUENCE.//6.9e-117:592:96//AL031447

R-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds.//4.2e-117:594:96//AB007947

10 R-NT2RP2004767//Human DNA sequence from PAC 491M17 on chromosome 1p36.2-1p36.3./2.0e-81:568:84//Z97988

20 R-NT2RP2004791//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192),
complete sequence.//7.8e-111:541:98//AC005216

R-NT2RP2004802

35 R-NT2R2P2004841//Human BAC clone RG308B22 from 7q22-q31, complete
sequence.//4.0e-46:447:72//AC002089

R-NT2RP2004897//Human Chromosome X clone bWXD187, complete sequence.//1.1e-08:
330:61//AC004383

50 R-nnnnnnnnnnnnn//Plasmodium falciparum MAL3P6, complete sequence.//0.014:402:
61//Z98551

R-NT2RP2004962//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from
clone Y40H4. WORKING DRAFT SEQUENCE.//0.017:291:61//AL022573

EP 1 074 617 A2

- 5 R-NT2RP2004967//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2
unordered pieces.//4.6e-52:496:77//AC005077
- R-NT2RP2004978//Homo sapiens chromosome 19, cosmid F23269, complete
sequence.//0.088:322:63//AC005614
- 10 R-NT2RP2004982//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete
sequence.//0.025:339:61//AC003071
- R-NT2RP2004985//T31H24TF TAMU Arabidopsis thaliana genomic clone T31H24, genomic
15 survey sequence.//0.40:111:70//B78148
- R-NT2RP2004999//Homo sapiens clone NH0084K19, WORKING DRAFT SEQUENCE, 30
unordered pieces.//0.23:157:68//AC005682
- 20 R-NT2RP2005000
- R-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds.//3.0e-111:577:
25 95//AB014515
- R-NT2RP2005003//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems
Human BAC library) complete sequence.//2.4e-21:246:77//AC004673
- 30 R-nnnnnnnnnnnn//Homo sapiens SEC63 (SEC63) mRNA, complete cds.//9.5e-115:568:
97//AF100141
- 35 R-NT2RP2005018//HS_3108_B1_E09_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3108 Col=17 Row=J, genomic survey sequence.//1.9e-
31:222:89//AQ104050
- 40 R-NT2RP2005020//Rattus norvegicus cationic amino acid transporter-1 (CAT-1) mRNA,
complete cds.//6.6e-41:566:73//U70476
- R-NT2RP2005031//CIT-HSP-516A2.TV CIT-HSP Homo sapiens genomic clone 516A2,
45 genomic survey sequence.//4.1e-31:357:75//B49897
- R-NT2RP2005037
- 50 R-NT2RP2005038//Sequence 5 from patent US 5552281.//2.2e-32:178:98//I25644
- R-NT2RP2005108//Mus musculus orphan nuclear hormone receptor (CAR) gene, complete
sequence.//3.7e-23:475:67//AF009326
- 55 R-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds.//8.4e-104:518:
97//AB014564

EP 1 074 617 A2

R-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)
 //1.4e-67:464:85//X98743
 5 R-NT2RP2005139

 R-NT2RP2005140//Leishmania mexicana amazonensis kinetoplast (clone 29) maxicircle
 10 A+T-rich repetitive DNA sequence.//7.9e-08:460:60//U00101

 R-NT2RP2005144//Homo sapiens chromosome 12p13.3 clone RPC11-372B4, WORKING
 DRAFT SEQUENCE, 129 ordered pieces.//2.5e-103:519:96//AC005911
 15 R-NT2RP2005147//Homo sapiens clone DJ1125K23, WORKING DRAFT SEQUENCE, 21
 unordered pieces.//0.068:100:75//AC004971

 R-NT2RP2005159//CITBI-E1-2506A8.TF CITBI-E1 Homo sapiens genomic clone 2506A8,
 20 genomic survey sequence.//0.90:113:71//AQ262104

 R-NT2RP2005162//Homo sapiens chromosome 17, clone HCIT307A16, complete
 25 sequence.//5.0e-14:183:75//AC003041

 R-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein.//7.5e-100:513:
 95//AJ007509
 30 R-NT2RP2005204

 R-NT2RP2005227//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete
 35 sequence.//7.2e-119:583:97//AC005189

 R-NT2RP2005239//Homo sapiens mRNA for putative tRNA splicing protein, partial.//8.4e-62:
 312:98//AJ010952
 40 R-NT2RP2005254//Homo sapiens DNA sequence from PAC 262D12 on chromosome
 1q23.3-24.3. Contains a Tenascin (Hexabrachion, Cytotactin, Neuronection, Myotendinous
 antigen)-LIKE gene and a mitochondrial/chloroplast 30S ribosomal protein S14-LIKE gene
 45 preceeded by a CpG island. Contains ESTs, genomic marker D1S2691 and STSs.//5.7e-09:
 328:62//Z99297

 R-NT2RP2005270//Plasmodium falciparum MAL3P8, complete sequence.//2.3e-05:355:
 61//AL034560
 50 R-NT2RP2005276//Genomic sequence for Arabidopsis thaliana BAC F17F8, complete
 sequence.//0.0014:541:58//AC000107
 55 R-NT2RP2005287//Cavia porcellus zinc finger protein (zfoC1) mRNA, complete cds.//4.4e-69:
 459:86//L26335

EP 1 074 617 A2

- 5 R-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds.//7.4e-124:594:98//AF060219
- R-NT2RP2005289//Homo sapiens mRNA for XRP2 protein.//1.5e-110:545:96//AJ007590
- 10 R-NT2RP2005293//Leishmania mexicana amazonensis kinetoplast (clone 29) maxicircle A+T-rich repetitive DNA sequence.//1.1e-12:554:61//U00101
- 15 R-NT2RP2005315//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//9.5e-15:218:77//AL022069
- 20 R-NT2RP2005325//Rattus norvegicus LIM homeodomain protein (LH-2) mRNA sequence.//2.0e-72:478:88//L06804
- R-NT2RP2005336//***ALU WARNING: Human Alu-J subfamily consensus sequence.//7.3e-33:139:82//U14567
- 25 R-NT2RP2005344//Human DNA sequence from PAC 128N22 on chromosome Xq25-Xq26.3. contains STS.//0.094:451:60//297629
- 30 R-NT2RP2005354//Homo sapiens mRNA for putative thioredoxin-like protein.//1.3e-11:89:96//AJ010841
- 35 R-NT2RP2005360//Homo sapiens clone RG023I15, WORKING DRAFT SEQUENCE, 1 unordered pieces.//0.046:266:60//AC005049
- R-NT2RP2005393//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence.//6.0e-41:226:86//AC005695
- 40 R-NT2RP2005407
- 45 R-NT2RP2005436//Polistes annularis (clone pan117AAT) tandem repeat region.//0.039:169:63//L10835
- R-NT2RP2005441//CIT-HSP-2338P5.TR CIT-HSP Homo sapiens genomic clone 2338P5, genomic survey sequence.//3.0e-38:263:88//AQ055548
- 50 R-NT2RP2005453//CIT-HSP-2367N1.TR CIT-HSP Homo sapiens genomic clone 2367N1, genomic survey sequence.//0.67:409:59//AQ079845
- 55 R-NT2RP2005457//Homo sapiens partial XPGC gene, exon 2.//2.0e-42:315:82//X71342
- R-NT2RP2005464//CIT-HSP-2359C16.TF CIT-HSP Homo sapiens genomic clone 2359C16, genomic survey sequence.//1.0:251:60//AQ075816

EP 1 074 617 A2

R-NT2RP2005465//Drosophila melanogaster, chromosome 2R, region 44D1-44D2, P1 clone DS08616, complete sequence.//01251288:62//AC005457

5

R-NT2RP2005472//Chlorarachnion CCMP621 small subunit ribosomal RNA, 5.8S ribosomal RNA, large subunit ribosomal RNA, U6 small nuclear RNA, small subunit ribosomal protein S13 (RPS13), pre-mRNA splicing factor PRP 6 homolog, small subunit ribosomal protein 4 (RPS4), small nucleolar ribonucleoprotein E homolog (snRNPE), ATP-dependent clp protease proteolytic subunit homolog (CLPP), putative RNA polymerase II subunit (RNA POLII), and RNA helicase homolog (RNAHEL) genes, complete cds.//1.0:356:59//U58510

10

R-NT2RP2005476//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P3, WORKING DRAFT SEQUENCE.//0.00092:421:60//AL031746

15

R-NT2RP2005490//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//6.2e-71:187:100//AC006030

20

R-NT2RP2005491//paramecium species 5,311 mt dna dimer: replication init. region.//1.6e-10:403:62//K00917

25

R-NT2RP2005495//Homo sapiens clone RG037F03, WORKING DRAFT SEQUENCE, 12 unordered pieces.//1.3e-25:208:82//AC005051

30

R-NT2RP2005496//Human DNA sequence from clone 354N19 on chromosome 6q22. Contains the 3' part of the gene for Mannosyl-Oligosaccharide Alpha-1,2-Mannosidase (Man(9)-alpha-mannosidase, EC 3.2.1.113), a Cytochrome C Oxidase Polypeptide I (EC 1.9.3.1) pseudogene and a pseudogene similar to 60S Ribosomal Protein L13A. Contains genomic markers D6S287 and D6S1696, ESTs, STSs, GSSs and two CA repeat polymorphisms, complete sequence.//1.5e-22:196:84//AL022722

35

R-NT2RP2005498

40

R-NT2RP2005501//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//.7e-29:252:76//AC005828

45

R-NT2RP2005509//CIT-HSP-2060J6.TR CIT-HSP Homo sapiens genomic clone 2060J6, genomic survey sequence.//3.1e-53:402:84//B69979

50

R-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//9.9e-109:570:94//AF092563

55

R-NT2RP2005525//Human clone JkA2 mRNA induced upon T-cell activation, 3' end.//5.1e-32:175:98//U38432

R-NT2RP2005531//Homo sapiens PAC clone DJ0870F17 from 7q33-q36, complete sequence.//0.94:288:61//AC004911

EP 1 074 617 A2

- 5 R-NT2RP2005539//Homo sapiens mRNA for NSI-binding protein (NSI-BP).//2.7e-106:560:94//AJ012449
- R-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds.//5.3e-114:583:96//AB007963
- 10 R-NT2RP2005549//Homo sapiens *** SEQUENCING IN PROGRESS ***, WORKING DRAFT SEQUENCE.//0.91:287:58//AJ011929
- 15 R-NT2RP2005555//Homo sapiens 12p13.3 PAC RPCIS-927J10 (Roswell Park Cancer Institute Human PAC library) complete sequence.//3.6e-05:222:66//AC004804
- R-NT2RP2005557//Homo sapiens PAC clone DJ1200I23 from 7p15, complete sequence.//8.2e-22:236:76//AC004996
- 20 R-NT2RP2005581//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//7.2e-45:286:85//AC006146
- 25 R-NT2RP2005600//Human polymorphic microsatellite DNA.//0.043:304:58//M99148
- R-NT2RP2005605//Human Cosmid g1572c190, complete sequence.//2.4e-17:163:77//AC000126
- 30 R-NT2RP2005620
- R-NT2RP2005622//jd432 Trypanosome Shotgun M13 genomic Trypanosoma brucei brucei genomic clone 11B7, genomic survey sequence.//0.010:308:58//B13538
- 35 R-NT2RP2005637//Homo sapiens PAC clone DJ0555L14 from 7q34-q36, complete sequence.//2.5e-26:322:72//AC005996
- 40 R-NT2RP2005640//Mus musculus squamous cell carcinoma antigen 2 (Scca2) gene, complete cds.//0.030:370:60//AF063937
- 45 R-NT2RP2005645//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//3.2e-08:355:62//AE001398
- 50 R-NT2RP2005651
- R-NT2RP2005654//Leishmania major Friedlin cosmid L5769, complete sequence.//0.96:216:66//AL031908
- 55 R-NT2RP2005669//Homo sapiens nitrilase homolog 1 (NIT1) gene, alternatively spliced product, complete cds.//6.7e-117:594:95//AF069984

EP 1 074 617 A2

R-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.//1.8e-89:434:98//AF089814

5 R-NT2RP2005683//jd432 Trypanosome Shotgun M13 genomic Trypanosoma brucei brucei genomic clone 11B7, genomic survey sequence.//0.037:283:58//B13538

10 R-NT2RP2005690//Homo sapiens clone DJ0425I02, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.5e-38:295:83//AC005478

15 R-NT2RP2005694//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-106, complete sequence.//0.0026:414:57//AL010210

R-NT2RP2005701

20 R-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds.//4.1e-104:503:98//AB018342

25 R-NT2RP2005719//Caenorhabditis elegans cosmid LLC1, complete sequence.//0.83:275:61//Z82277

R-NT2RP2005722//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//1.2e-21:199:75//AL031985

30 R-NT2RP2005723

35 R-NT2RP2005726//Homo sapiens clone DJ0609N19, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.6e-64:503:82//AC004842

R-NT2RP2005741//Human Chromosome 11 pac pDJ393o15, WORKING DRAFT SEQUENCE, 8 unordered pieces.//2.5e-09:261:64//AC000384

40 R-NT2RP2005748//RPCI11-64K11.TK RPCI11 Homo sapiens genomic clone R-64K11, genomic survey sequence.//0.00039:215:66//AQ239313

45 R-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds.//1.3e-40:223:96//AF068868

50 R-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//3.7e-103:494:98//AF082516

R-NT2RP2005763//Homo sapiens DNA sequence from PAC 510L9 on chromosome 6p24.1-p25.3.//9.7e-34:172:86//AL022098

55 R-NT2RP2005767//Human clone H3 mRNA.//2.5e-21:179:87//U03672

R-NT2RP2005773//HS_2168_B1_G12_MF CIT Approved Human Genomic Sperm Library D

EP 1 074 617 A2

Homo sapiens genomic clone Plate=2168 Col=23 Row=N, genomic survey sequence.//0.99:212:63//AQ086414

- 5 R-NT2RP2005775//Rabbit mRNA for endopeptidase, complete cds.//4.8e-98:591:88//D13310
- R-NT2RP2005781//Streptomyces sp. genomic DNA for sarcosine oxidase.//0.019:384:59//D10623
- 10 R-NT2RP2005784//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//1.8e-102:490:99//AL034423
- 15 R-NT2RP2005804//Homo sapiens chromosome 17, clone hRPK.147_L_13, complete sequence.//6.3e-16:481:63//AC005332
- R-NT2RP2005812//Caenorhabditis elegans cosmid F15810.//0.81:147:63//AF036696
- 20 R-NT2RP2005815
- R-NT2RP2005835
- 25 R-NT2RP2005841//Human DNA sequence from cosmid U209G1 on chromosome X.//1.5e-26:512:64//Z68873
- 30 R-NT2RP2005853//Human DNA sequence from clone 1156N12 on chromosome X. Contains an STS and GSSs, complete sequence.//3.7e-16:340:64//AL009047
- R-NT2RP2005857//Human DNA sequence from cosmid U246D9 on chromosome X. Contains a histone H2B like pseudogene.//1.3e-09:331:65//AL021308
- 35 R-NT2RP2005859//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-83, complete sequence.//0.0097:363:59//AL010152
- 40 R-NT2RP2005868//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-18, complete sequence.//1.1e-07:508:60//AL008971
- 45 R-NT2RP2005890//Mouse oncogene (ect2) mRNA, complete cds.//2.7e-31:500:67//AL11316
- R-NT2RP2005901//Homo sapiens T-cell receptor alpha delta locus from bases 752679 to 1000555 (section 4 of 5) of the Complete Nucleotide Sequence.//0.89:276:60//AE000661
- 50 R-NT2RP2005908
- R-NT2RP2005933//Rattus norvegicus nucleoporin p54 mRNA, complete cds.//1.2e-40:285:80//U63840
- 55 R-NT2RP2005942//Homo sapiens DNA sequence from PAC 142L7 on chromosome 6q21.

EP 1 074 617 A2

- Contains a Laminin Alpha 4 (LAMA4) LIKE gene coding for two alternatively spliced transcripts, a Tubulin Beta LIKE pseudogene, a Connective tissue growth factor (NOV, GIG) LIKE gene, A predicted CpG island, ESTs, STSs and genomic marker D6S416, complete sequence.//0.0011:480:58//Z99289
- 5
- R-NT2RP2005980//Homo sapiens Xp22 BAC GSHB-536K7 (Genome Systems Human BAC library) complete sequence.//8.9e-21:136:78//AC004616
- 10
- R-NT2RP2006023//HS_2176_B1_C10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2176 Col=19 Row=F, genomic survey sequence.//2.5e-66:369:95//AQ023148
- 15
- R-NT2RP2006038//Plasmodium falciparum chromosome 2, section 6 of 73 of the complete sequence.//0.00029:408:58//AE001369
- 20
- R-NT2RP2006043//Polistes annularis (clone pan117AAT) tandem repeat region.//0.032:195:62//L10835
- R-NT2RP2006052//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.11:263:61//AC005140
- 25
- R-NT2RP2006069
- 30
- R-NT2RP2006071//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.00044:333:61//AC004709
- R-NT2RP2006098//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-77, complete sequence.//4.1e-09:393:62//AL010151
- 35
- R-NT2RP2006100//HS_2020_A2_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2020 Col=4 Row=O, genomic survey sequence.//8.3e-53:304:92//AQ228761
- 40
- R-NT2RP2006103//Rat sodium-hydrogen exchange protein-isoform 3 (NHE-3) mRNA, complete cds.//1.5e-16:199:79//M85300
- 45
- R-NT2RP2006141
- R-NT2RP2006166//Human Chromosome 16 BAC clone CIT987SK-A-589H1, complete sequence.//8.2e-48:329:76//AC002045
- 50
- R-NT2RP2006184//RPCI11-6O16.TP RPCI-11 Homo sapiens genomic clone RPCI-11-6O16, genomic survey sequence.//0.52:273:61//B49539
- 55
- R-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds.//1.9e-108:553:95//AB014554

EP 1 074 617 A2

- 5 R-NT2RP2006196//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from
contig 3-57, complete sequence.//4.2e-05:420:59//AL008981
- R-NT2RP2006200//Homo sapiens chromosome 12p13.3 clone RPC11-96H9, WORKING
DRAFT SEQUENCE, 66 unordered pieces.//2.1e-100:409:96//AC006057
- 10 R-NT2RP2006219//H.sapiens mRNA for DGCR6 protein.//3.8e-93:532:90//X96484
- R-NT2RP2006237//P.falciparum PK1 gene.//2.9e-08:481:59//X83707
- 15 R-NT2RP2006238//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete
sequence.//3.5e-79:405:89//U91318
- R-NT2RP2006258//Human PAC clone DJ0899B21 from 7p15-p21, complete
20 sequence.//2.2e-08:283:63//AC004008
- R-NT2RP2006261//H.sapiens mRNA for serine/threonine protein kinase EMK.//6.2e-13:234:
68//X97630
- 25 R-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds.//2.0e-108:542:
97//AF035262
- 30 R-NT2RP2006320//347J16.TVB CIT978SKA1 Homo sapiens genomic clone A-347J16,
genomic survey sequence.//1.2e-27:215:65//B17768
- R-NT2RP2006321//Human karyopherin beta 3 mRNA, complete cds.//1.7e-48:298:
35 90//U72761
- R-NT2RP2006323//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
702J19, WORKING DRAFT SEQUENCE.//2.8e-104:524:96//AL033531
- 40 R-NT2RP2006333//Homo sapiens PAC clone DJ0808A01 from 7q21.1-q31.1, complete
sequence.//3.9e-33:298:78//AC004893
- 45 R-NT2RP2006334
- R-NT2RP2006365//RPC11-72115.TK RPC11 Homo sapiens genomic clone R-72115,
genomic survey sequence.//2.6e-35:217:92//AQ267043
- 50 R-NT2RP2006393//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4,
BAC clone B13E4; HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered
pieces.//8.0e-40:317:81//AC004046
- 55 R-NT2RP2006436//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
Y738F9, WORKING DRAFT SEQUENCE.//3.2e-42:184:86//AL022345

EP 1 074 617 A2

- 5 R-NT2RP2006441//Plasmodium falciparum microsatellite TA80 sequence.//0.00021:188:68//AF010568
- R-NT2RP2006454//Plasmodium falciparum chromosome 2, section 60 of 73 of the complete sequence.//0.30:265:60//AE001423
- 10 R-NT2RP2006456//Homo sapiens clone 23566 mRNA sequence.//2.5e-104:532:96//AF052098
- R-NT2RP2006464//Homo sapiens mRNA for AND-1 protein.//6.6e-108:524:97//AJ006266
- 15 R-NT2RP2006467//Sequence 50 from patent US 5691147.//8.3e-22:235:74//I76222
- R-NT2RP2006472//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1172A22, WORKING DRAFT SEQUENCE.//5.4e-12:407:62//AL034386
- 20 R-NT2RP2006534//Dictyostelium discoideum actin 8 gene, 3' UTR.//0.44:111:65//M25216
- 25 R-NT2RP2006554//Plasmodium falciparum chromosome 2, section 7 of 73 of the complete sequence.//0.19:392:58//AE001370
- R-NT2RP2006565//Sus scrofa SCAMP 1 gene, exon 9.//1.5e-13:292:68//AJ223742
- 30 R-NT2RP2006571//Homo sapiens chromosome 19, cosmid F17972, complete sequence.//0.0024:409:58//AC004660
- 35 R-nnnnnnnnnnnn//Human BRCA2 region, mRNA sequence CG005.//3.3e-16:334:64//U50532
- R-NT2RP2006598//Mus musculus retinoid X receptor interacting protein (RIP110) mRNA, partial cds.//1.6e-19:448:64//U22015
- 40 R-NT2RP3000002//Human DNA sequence from cosmid N104C7 on chromosome 22, complete sequence.//4.4e-14:501:63//Z82246
- 45 R-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//5.9e-115:560:97//AJ011972
- 50 R-NT2RP3000046//Homo sapiens clone DJ0042M02, WORKING DRAFT SEQUENCE, 20 unordered pieces.//3.9e-57:402:83//AC005995
- R-NT2RP3000047//Homo sapiens chromosome 17, clone hRPK.138_P_22, complete sequence.//1.0:158:66//AC005697
- 55 R-NT2RP3000050//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone

EP 1 074 617 A2

451B21, WORKING DRAFT SEQUENCE.//2.7e-32:411:69//AL033522

5 R-NT2RP3000055//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
1000N6, WORKING DRAFT SEQUENCE.//7.9e-17:309:69//AL034378

10 R-NT2RP3000072//Brassica rapa DNA for S-locus glycoprotein, complete cds.//2.9e-07:516:
60//D88192

R-NT2RP3000080//Homo sapiens clone DJ1129D05, complete sequence.//1.7e-27:186:
90//AC005630

15 R-NT2RP3000085//Arabidopsis thaliana acetyl-CoA carboxylase biotin-containing subunit
mRNA, nuclear gene encoding chloroplast protein, complete cds.//0.0051:289:59//U-23155

20 R-NT2RP3000109//HS_3065_A2_D04_MF CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate-3065 Col=8 Row=G, genomic survey sequence.//2.5e-
62:304:100//AQ137776

25 R-NT2RP3000134//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from
MAL1P3, WORKING DRAFT SEQUENCE.//0.027:414:57//AL031746

30 R-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds.//3.8e-115:578:
96//AB011164

R-NT2RP3000149//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete
sequence.//1.3e-67:354:95//AC005746

35 R-NT2RP3000186

40 R-NT2RP3000197//Human DNA sequence from PAC 181N1 on chromosome X contains
ESTs, STS polymorphic CA repeat.//2.5e-31:295:78//Z82899

R-NT2RP3000207//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-954B10,
complete sequence.//0.016:305:61//AC004514

45 R-NT2RP3000220//RPCI11-63O7.TJ RPCI11 Homo sapiens genomic clone R-63O7,
genomic survey sequence.//0.25:118:66//AQ201832

50 R-NT2RP3000233//Plasmodium falciparum mRNA for major merozoite surface antigen
gp195.//3.2e-11:440:59//X15063

55 R-NT2RP3000235//Mus musculus chromosome 6 clone TB6 subclone TB6pD1//0.81:114:
64//U19530

R-NT2RP3000247//Homo sapiens DNA sequence from clone 326L12 on chromosome
Xq27.1 27.3. Contains the cancer/testis antigen CT7 (melanoma-associated antigen MAGE-

EP 1 074 617 A2

C1) gene, two MAGE family pseudogenes, STSs and a CA repeat polymorphism, complete sequence.//4.8e-73:362:86//AL023279

5 R-NT2RP3000251//Homo sapiens chromosome 17, clone hRPK.192_H_23, complete sequence.//0.025:131:66//AC005726

R-NT2RP3000252

10

R-NT2RP3000255//HS-1025-B2-F08-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 804 Col=16 Row=L, genomic survey sequence.//0.67:119:66//B34879

15

R-NT2RP3000267

20 R-NT2RP3000299//Rattus norvegicus mRNA for Crk-associated substrate, p130, complete cds.//1.2e-23:424:69//D29766

R-NT2RP3000312//Plasmodium falciparum MAL3P4, complete sequence.//0.55:414:59//AL008970

25

R-NT2RP3000320//HS_3056_A1_C03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3056 Col=5 Row=E, genomic survey sequence.//4.1e-32:214:89//AQ134064

30

R-NT2RP3000324//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//1.5e-22:265:75//U78090

35 R-NT2RP3000333//Plasmodium falciparum MAL3P6, complete sequence.//0.68:460:57//Z98551

40 R-NT2RP3000341//H.sapiens mRNA for TIM17 preprotein translocase.//1.4e-19:137:90//X97544

R-NT2RP3000348//CITBI-E1-2513C11.TF CITBI-E1 Homo sapiens genomic clone 2513C11, genomic survey sequence.//0.0014:118:72//AQ278177

45

R-NT2RP3000350

50 R-NT2RP3000359//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.8e-55:320:75//AC006039

R-NT2RP3000361//Homo sapiens mRNA for KIAA0552 protein, complete cds.//0.18:275:61//AB011124

55

R-NT2RP3000366//CIT-HSP-2317H13.TF CIT-HSP Homo sapiens genomic clone 2317H13, genomic survey sequence.//6.7e-42:214:100//AQ041634

EP 1 074 617 A2

- 5 R-NT2RP3000397//HS-1012-B1-F01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 787 Col=1 Row=L, genomic survey sequence//0.015:184:63//B31814
- 10 R-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds.//1.3e-109:529:98//AF071185
- R-NT2RP3000418//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510B21, WORKING DRAFT SEQUENCE.//6.2e-15:445:65//AL031885
- 15 R-NT2RP3000433
- R-NT2RP3000439
- 20 R-NT2RP3000441
- R-NT2RP3000449//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//1.6e-43:300:76//AL031650 R-NT2RP3000451//3'untranslated region of human mRNA for a K⁺ channel protein.//0.71:101:66//E13519
- 25
- 30 R-NT2RP3000456//Human Xq28 cosmids U126G1, U142F2, U69B6, U145C10, U169A5, U84H1, U24D12, U80A7, U153E6, L35485, and R7-163A8 containing iduronate 2-sulfatase gene and pseudogene, complete sequence.//5.2e-16:376:65//AF011889
- 35 R-NT2RP3000484//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 120G22, WORKING DRAFT SEQUENCE.//0.61:326:58//AL031847
- R-NT2RP3000487//Sequence 32 from patent US 5476781.//8.6e-08:409:61//16692
- 40 R-NT2RP3000512//RPC11-60F15.TK RPC11 Homo sapiens genomic clone R-60F15, genomic survey sequence.//2.2e-68:379:93//AQ201516
- 45 R-NT2RP3000526//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 377F16, WORKING DRAFT SEQUENCE.//4.1e-07:224:65//Z93783
- 50 R-NT2RP3000527//HS_3228_A1_H07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3228 Col=13 Row=O, genomic survey sequence.//4.5e-30:184:93//AQ209131
- 55 R-NT2RP3000531//T6M24-Sp6 TAMU Arabidopsis thaliana genomic clone T6M24, genomic survey sequence.//0.67:88:68//AQ248538
- R-NT2RP3000542//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone

126B4, WORKING DRAFT SEQUENCE.//2.0e-24:145:82//AL022316

R-NT2RP3000562//HS_2041_B1_E08_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2041 Col=15 Row=J, genomic survey sequence.//9.6e-
55:279:98//AQ230207

R-NT2RP3000582//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING
DRAFT SEQUENCE, 3 unordered pieces.//4.2e-29:282:67//AC004666

R-NT2RP3000590//Arabidopsis thaliana chromosome II BAC T31E10 genomic sequence, complete sequence.//0.66:341:59//AC004077

R-nnnnnnnnnnnn//HS_3025_A1_D11_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3025 Col=21 Row=G, genomic survey sequence.//2.6e-
21:161:88//AQ101452

40 R-NT2RP3000605//Homo sapiens chromosome 19, cosmid F20900, complete
sequence.//5.6e-115:554:98//AC006128

R-NT2RP3000624//CIT-HSP-2022D4.TR CIT-HSP Homo sapiens genomic clone 2022D4,
genomic survey sequence.//1.0:166:66//B64262

55 R-NT2RP3000632//Human cyclin-selective ubiquitin carrier protein mRNA, complete
cds//4.0e-61:438:85//U73379

EP 1 074 617 A2

R-NT2RP3000644//Homo sapiens DNA from chromosome 19p13.2 cosmids R31240, R30272 and R28549 containing the EKLF, GCDH, CRTG, and RAD23A genes, genomic sequence.//1.0e-43:408:77//AD000092

5

R-NT2RP3000661//F.rubripes GSS sequence, clone 148D22bB9, genomic survey sequence.//2.7e-17:234:69//AL005927

10

R-NT2RP3000665//Human chromosome 11 46b2 cosmid, complete sequence.//2.1e-42:526:72//U73645

15

R-NT2RP3000685//HS_3007_A2_F02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=4 Row=K, genomic survey sequence.//1.6e-101:506:97//AQ118425

20

R-NT2RP3000690//Plasmodium falciparum MAL3P6, complete sequence.//1.3e-13:411:61//Z98551

R-NT2RP3000736

25

R-NT2RP3000742//Rattus norvegicus phospholipase C delta-4 mRNA, complete cds.//0.0071:231:65//U16655

30

R-NT2RP3000753//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//0.88:366:56//AL021368

35

40

R-NT2RP3000759//HS_2055_A2_D09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2055 Col=18 Row=G, genomic survey sequence.//0.45:251:60//AQ234828

45

R-NT2RP3000815//Homo sapiens chromosome 17, clone hRPK.209_J_20, complete sequence.//2.0e-20:293:72//AC005822

50

R-NT2RP3000825//Plasmodium falciparum MAL3P6, complete sequence.//0.0044:325:62//Z98551

55

R-NT2RP3000826//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 117715, WORKING DRAFT SEQUENCE.//5.3e-25:375:72//AL022315

R-NT2RP3000836//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y214H10, WORKING DRAFT SEQUENCE.//1.3e-19:181:81//AL022344

R-NT2RP3000841//Homo sapiens, clone hRPK.1_A_1, complete sequence.//0.20:226:

EP 1 074 617 A2

61//AC006196

5 R-NT2RP3000845//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//6.8e-91:512:92//AC005781

10 R-NT2RP3000847//***ALU WARNING: Human Alu-Sp subfamily consensus sequence.//7.9e-38:179:86//U14572

R-NT2RP3000850//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//4.4e-48:505:76//AC005014

15 R-NT2RP3000852//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//2.9e-82:311:98//AL031297

20 R-NT2RP3000859

R-NT2RP3000865//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence.//1.2e-15:482:63//AL022153 R-NT2RP3000868//Fruitfly strain g20 mitochondrial DNA, A+T-rich region, partial sequence.//0.00045:260:59//AB003097

30 R-NT2RP3000869//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 330012, WORKING DRAFT SEQUENCE.//0.0058:172:64//AL031731

R-NT2RP3000875//H.sapiens /Hepatitis B virus fusion mRNA for mevalonate kinase.//1.4e-99:531:93//X75311

35 R-NT2RP3000901

R-NT2RP3000904//Genomic sequence for Arabidopsis thaliana BAC T7N9, complete sequence.//0.32:261:57//AC000348

40 R-NT2RP3000917//Plasmodium falciparum MAL3P7, complete sequence.//0.00092:456:58//AL034559

45 R-NT2RP3000919

R-NT2RP3000968//H.sapiens mRNA for ribosomal protein S15a.//4.5e-24:375:71//X84407

50 R-NT2RP3000980//Homo sapiens chromosome 17, clone hRPK.855_D_21, complete sequence.//0.36:186:62//AC006079

55 R-NT2RP3000994//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.00052:413:60//AC005140

R-NT2RP3001004//Saccharomyces cerevisiae VAR1 gene, mitochondrial gene encoding

EP 1 074 617 A2

mitochondrial protein, 3' processing site, partial sequence.//1.1e-07:330:64//U32857

5 R-NT2RP3001007//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from
contig 4-82, complete sequence.//0.045:286:61//AL010255

10 R-NT2RP3001055//Human DNA sequence from PAC 27K14 on chromosome Xp11.3-
Xp11.4. Contains monoamine oxidase B (MAOB), ESTs and polymorphic CA repeats.//2.3e-
56:348:91//Z95125

R-NT2RP3001057//H.sapiens HZF4 mRNA for zinc finger protein.//8.2e-84:531:86//X78927

15 R-NT2RP3001081//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from
MAL1P3, WORKING DRAFT SEQUENCE.//1.1e-08:537:60//AL031746

R-NT2RP3001084

20

R-NT2RP3001096

R-NT2RP3001107

25

R-nnnnnnnnnnn//Human Chromosome 15q26.1 PAC clone pDJ10k5 containing human
DNA polymerase gamma (polg) gene, complete sequence.//7.4e-62:272:73//AC005316

30 R-NT2RP3001111

R-NT2RP3001113

35 R-NT2RP3001115//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete
sequence.//7.2e-112:550:97//AC005189

40 R-NT2RP3001116//CIT-HSP-2282K23.TR CIT-HSP Homo sapiens genomic clone 2282K23,
genomic survey sequence.//0.000.13.160:69//AQ002011

45 R-NT2RP3001119//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3
Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2
(DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//5.9e-99:497:96//AL031864

R-NT2RP3001120

50 R-NT2RP3001126//Plasmodium falciparum MAL3P7, complete sequence.//0.035:266:
56//AL034559

R-NT2RP3001133

55

R-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds.//8.1e-114:549:
97//AB018305

EP 1 074 617 A2

- R-NT2RP3001147//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//0.69:198:63//AC004448
- 5 R-NT2RP3001150//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//2.4e-108:542:97//AL034379
- 10 R-NT2RP3001155//Homo sapiens mRNA for AND-1 protein.//2.9e-116:563:98//AJ006266
- R-NT2RP3001176//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.44:227:62//AC004688
- 15 R-NT2RP3001214//Borrelia burgdorferi plasmid lp25, complete plasmid sequence.//0.0023:381:61//AE000785
- 20 R-NT2RP3001216//RPCI11-18C15.TPC RPCI-11 Homo sapiens genomic clone RPCI-11-18C15, genomic survey sequence.//7.0e-29:167:97//B88077
- 25 R-NT2RP3001221//Homo sapiens clone 14503, WORKING DRAFT SEQUENCE, 1 ordered pieces.//0.020:211:63//AC005827
- R-NT2RP3001232//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21. Contains genomic marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism, complete sequence.//2.7e-08:390:62//AL021326
- 30 R-NT2RP3001236//RPCI11-25C17.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-25C17, genomic survey sequence.//9.5e-41:217:88//AQ014003
- 35 R-NT2RP3001239//Human microtubule-associated protein 1B (MAP1B) gene, complete cds.//2.9e-21:438:63//L06237
- 40 R-NT2RP3001245//Homo sapiens DNA sequence from PAC 964D12 on chromosome 1q24-q25. Contains EST, GSS.//0.00026:439:59//AL021398
- 45 R-NT2RP3001253//HS_3002_A2_H12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3002 Col=24 Row=O, genomic survey sequence.//0.98:190:63//AQ251982
- 50 R-NT2RP3001260
- R-NT2RP3001268//Homo sapiens clone DJ0959C21, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.012:509:57//AC004936
- 55 R-NT2RP3001272//Homo sapiens BAC clone NH0161H12 from 7p14-p15, complete sequence.//2.2e-22:134:87//AC005589

EP 1 074 617 A2

R-NT2RP3001274//Sequence 11 from Patent WO9517522.//0.0058:133:66//A45341

5 R-NT2RP3001281//Human DNA sequence from PAC 52D1 on chromosome Xq21. Contains
CA repeats, STS.//4.4e-55:558:76//Z96811

10 R-NT2RP3001307//HS_2058_A1_C06_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2058 Col=11 Row=E, genomic survey sequence.//7.2e-
33:260:86//AQ305868

15 R-NT2RP3001318//Homo sapiens PAC clone DJ0649P17 from 7q11.23-q21, complete
sequence.//0.27:210:65//AC004848

R-NT2RP3001325

20 R-NT2RP3001338//Rat tropoelastin gene, intron 17 (partial).//1.0:184:64//M86367

R-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds.//1.2e-112:566:
96//AB007920

25 R-NT2RP3001340//Homo sapiens HMG box factor SOX-13 mRNA, complete cds.//3.2e-86:
450:95//AF083105

30 R-NT2RP3001355

35 R-NT2RP3001374//HS_2184_A2_G04_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2184 Col=8 Row=M, genomic survey sequence.//3.7e-
10:101:84//AQ024647

R-NT2RP3001383//Plasmodium falciparum chromosome 2, section 34 of 73 of the complete
sequence.//7.4e-07:279:63//AE001397

40 R-NT2RP3001384//Homo sapiens chromosome 19, cosmid R33907, complete
sequence.//4.4e-75:382:97//AC005785

45 R-NT2RP3001392//HS_3078_B2_D05_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3078 Col=10 Row=H, genomic survey sequence.//1.0:
164:64//AQ140587

50 R-NT2RP3001396//RPC11-63N18.TJ RPC11 Homo sapiens genomic clone R-63N18,
genomic survey sequence.//0.14:242:61//AQ238544

55 R-NT2RP3001398//Mus musculus zinc finger protein (Zfp64) mRNA, complete cds.//1.8e-10:
193:72//U49046

R-NT2RP3001399

R-NT2RP3001407//Caenorhabditis elegans cosmid D1046, complete sequence.//0.0011:392:60//Z68160

10 R-NT2RP3001426//Homo sapiens clone 24616 mRNA sequence.//1.1e-104:550:
94//AF052158

15 R-nnnnnnnnnnnnn//Human nuclear pore complex-associated protein TPR (tp^r) mRNA,
complete cds.//1.4e-94:533:91//U69668

25 R-NT2RP3001447//Homo sapiens PAC clone DJ0828B12 from 7q11.23-q21.1, complete
sequence.//5.6e-36:358:77//AC004903

R-NT2RP3001453//Homo sapiens clone DJ0852024, WORKING DRAFT SEQUENCE, 2 unordered pieces.//4.0e-47:295:86//AC004906

R-NT2RP3001459

45 R-NT2RP3001490//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from
contig 3-103, complete sequence.//2.3e-08:483:60//AL010208

R-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8)
mRNA, complete cds.//2.1e-110:549:97//AF064801

55 R-NT2RP3001527//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
1125A11, WORKING DRAFT SEQUENCE.//5.3e-32.310:78//AL034549

EP 1 074 617 A2

R-NT2RP3001529//Human Chromosome X, complete sequence.//5.5e-67:280:93//AC002420

5 R-NT2RP3001538

R-NT2RP3001554//Human microtubule-associated protein 1a (MAP1A) mRNA, complete cds.//7.8e-16:391:62//U38292

10

R-NT2RP3001580//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.00026:456:58//AC004688

15 R-NT2RP3001587//Homo sapiens HRIHFB2115 mRNA, partial cds.//5.6e-08:86:88//AB015337

20 R-NT2RP3001589//Homo sapiens chromosome 17, clone hRPK.1096_G_20, complete sequence.//0.066:360:60//AC005410

25 R-NT2RP3001607//CIT-HSP-2010M8.TR CIT-HSP Homo sapiens genomic clone 2010M8, genomic survey sequence.//0.041:194:67//B53490

30 R-NT2RP3001608//Human DNA sequence from PAC 296K21 on chromosome X contains cytokeratin exon, delta-aminolevulinate synthase (erythroid), 5-aminolevulinic acid synthase.(EC 2.3.1.37). 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase (EC 2.7.1.105, EC 3.1.3.46), ESTs and STS.//0.69:151:64//Z83821

35 R-NT2RP3001621//Human DNA sequence from clone 24o18 on chromosome 6p21:31-22.2 Contains zinc finger protein pseudogene, VNO-type olfactory receptor pseudogene, nuclear envelope pore membrane protein, EST, STS, GSS, complete sequence.//1.4e-46:354:83//AL021808

40 R-NT2RP3001629//H.sapiens simple DNA sequence region clone wg1a10.//0.99:137:63//X76572

45 R-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds.//8.5e-108:541:96//AF099149

R-NT2RP3001642

50 R-NT2RP3001646//HS_3218_A2_A01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=2 Row=A, genomic survey sequence.//2.6e-32:215:91//AQ303003

55 R-NT2RP3001671//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-88, complete sequence.//0.018:262:61//AL010157

R-NT2RP3001672

EP 1 074 617 A2

- 5 R-NT2RP3001676//Homo sapiens cosmid Q95D4, chromosome 21 5' of IFNAR2.//2.1e-48:413:77//AF039905
- R-NT2RP3001678//RPCI11-50C17.TK RPCI11 Homo sapiens genomic clone R-50C17, genomic survey sequence.//0.15:232:62//AQ116359
- 10 R-NT2RP3001679//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer , segment 3/11.//7.8e-104:549:95//AB020860
- 15 R-NT2RP3001688//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//6.6e-41:291:86//AC006019
- 20 R-NT2RP3001690//Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence.//3.1e-07:433:59//AE001415
- R-NT2RP3001708//Homo sapiens allele 14 fragile site locus (FRA10B) minisatellite sequence.//6.0e-06:237:64//AF053523
- 25 R-NT2RP3001712//CITBI-E1-2516N9.TF CITBI-E1 Homo sapiens genomic clone 2516N9, genomic survey sequence.//1.5e-95:456:99//AQ279562
- 30 R-NT2RP3001716//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//0.0012:346:58//AC004617
- 35 R-NT2RP3001724//Human HepG2 3' region Mbol cDNA, clone hmd6a06m3.//1.3e-27:163:95//D17273
- R-NT2RP3001730//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 111B22, WORKING DRAFT SEQUENCE.//7.6e-43:409:76//Z98200
- 40 R-NT2RP3001739
- R-NT2RP3001752//Human clone 23774 mRNA sequence.//1.9e-08:104:84//U79279
- 45 R-NT2RP3001753//CIT-HSP-2379P21.TF CIT-HSP Homo sapiens genomic clone 2379P21, genomic survey sequence.//8.8e-06:102:78//AQ113378
- 50 R-NT2RP3001764
- R-NT2RP3001777//Human mRNA for heparan sulfate proteoglycan (glypican).//0.99:166:66//X54232
- 55 R-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds.//1.3e-111:549:97//AB007928

EP 1 074 617 A2

- 5 R-NT2RP3001792//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//1.6e-32:266:83//U13262
- R-NT2RP3001799//H.sapiens mRNA for OX40 homologue.//8.5e-44:374:79//X75962
- 10 R-NT2RP3001819
- R-NT2RP3001844//Caenorhabditis elegans cosmid C54G7.//0.0042:231:63//U40410
- 15 R-NT2RP3001854//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2), CG8 (cg8), CG4 (cg4), CG3 (cg3), CG9 (cg9), CG1 (cg1), CG6 (cg6), chloroquine resistance candidate protein (cg2), and CG7 (cg7) genes, complete cds.//1.0:404:59//AF030694
- 20 R-NT2RP3001855
- R-NT2RP3001896//CIT978SK-A-686F10.TV CIT978SK Homo sapiens genomic clone A-636F10, genomic survey sequence.//0.0012:68:82//AQ116409
- 25 R-NT2RP3001898//Homo sapiens Chromosome 11p15.5 PAC clone pDJ754h15 containing cdk-inhibitor p57/KIP2 (CDKN1C) gene, complete sequence.//0.37:266:65//AC005950
- 30 R-NT2RP3001915//Human BAC clone RG367O17 from 7p15-p21, complete sequence.//0.018:144:66//AC002486
- 35 R-NT2RP3001926//Human polyadenylate binding protein (TIA-1) mRNA, complete cds.//2.4e-10:77:100//M77142
- R-NT2RP3001929
- 40 R-NT2RP3001931//Homo sapiens full-length insert cDNA clone YU73B11.//1.0e-110:562:96//AF087969
- 45 R-NT2RP3001938//Human DNA sequence from PAC 447B16 on chromosome Xq13.1-Xq13.3.//0.38:386:56//Z95328
- R-NT2RP3001943//Homo sapiens chromosome 5, P1 clone 1076B9 (LBNL H14), complete sequence.//0.87:298:61//AC004500
- 50 R-NT2RP3001944//Bos taurus clone CSSM056 satellite DNA sequence.//0.0095:76:78//U03836
- 55 R-NT2RP3001969//Homo sapiens chromosome 12p13.3 clone RPC11-350L7, WORKING DRAFT SEQUENCE, 72 unordered pieces.//7.0e-109:552:96//AC005844

EP 1 074 617 A2

- R-NT2RP3001989//Caenorhabditis elegans cosmid C01A2, complete sequence.//0.15:111:68//Z81029
- 5 R-NT2RP3002002//Plasmodium falciparum 14-3-3 protein gene, partial cds.//0.016:286:60//AF065987
- R-NT2RP3002004//H.sapiens mRNA for FAST kinase.//5.1e-41:335:82//X86779
- 10 R-NT2RP3002007
- R-NT2RP3002014//Human DNA sequence from clone 228A9 on chromosome 22q12.3-13.32 Contains 85 KDA CALCIUM-INDEPENDENT PHOSPHOLIPASE A2, EST, GSS, CpG island, complete sequence.//6.6e-41:297:86//AL022322
- 15 R-NT2RP3002033
- 20 R-NT2RP3002045//Drosophila melanogaster fat protein (fat) gene, complete cds.//0.77:320:60//M80537
- 25 R-NT2RP3002054//Caenorhabditis elegans cosmid Y69H2, complete sequence.//0.82:362:57//Z98877
- R-NT2RP3002056//F.rubripes GSS sequence, clone 020E22bF7, genomic survey sequence.//0.010:185:63//Z87006
- 30 R-NT2RP3002057
- 35 R-NT2RP3002062//Human BAC clone RG356F09 from 7p21, complete sequence.//1.7e-17:164:81//AC004002
- R-nnnnnnnnnnnnn
- 40 R-NT2RP3002081//HS_3082_A1_G09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3082 Col=17 Row=M, genomic survey sequence.//4.2e-25:344:73//AQ122260
- 45 R-NT2RP3002097//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//2.6e-23:212:80//AC006210
- 50 R-NT2RP3002102//Homo sapiens BAC clone RG290G13 from 7q21, complete sequence.//0.43:168:64//AC004746
- R-NT2RP3002108//CIT-HSP-2346P16.TF CIT-HSP Homo sapiens genomic clone 2346P16, genomic survey sequence.//3.5e-08:110:78//AQ059071
- 55 R-NT2RP3002146//Streptococcus gordonii competence factor (comC) and histidine protein

EP 1 074 617 A2

kinase (comD) genes, complete cds, and response regulator (comE) gene, partial cds.//0.11:534:55//J80077

5 R-NT2RP3002147//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329F2, WORKING DRAFT SEQUENCE.//4.1e-108:551:96//AL031710

10 R-NT2RP3002151//Mus musculus mRNA for Guanine Nucleotide Regulatory Protein, complete cds.//6.8e-62:347:80//AB003503

R-NT2RP3002163//Anolis pulchellus vitellogenin mRNA, partial cds.//0.77:281:63//J46857

15 R-NT2RP3002165

R-NT2RP3002166//D.sargus satellite DNA (clone PSE3).//0.81:124:62//Z48711

20 R-NT2RP3002173

25 R-NT2RP3002181//HS-1042-A2-F01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 824 Col=2 Row=K, genomic survey sequence.//1.3e-35:305:81//B36980

R-NT2RP3002244//Caenorhabditis elegans cosmid R11E3.//0.0024:393:61//AF100669

30 R-NT2RP3002248//Human DNA sequence from PAC 170A21 on chromosome 22q12-qter contains ESTs.//0.30:217:63//Z82189

35 R-NT2RP3002255

R-NT2RP3002273//Homo sapiens BAC clone 393I22 from 8q21, complete sequence.//0.84:463:57//AF070717

40 R-NT2RP3002276//HS_2260_A1_MF_E07 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2260 Col=13 Row=I, genomic survey sequence.//0.0017:198:63//AQ292491

45 R-NT2RP3002303//Human HMG-17 gene for non-histone chromosomal protein HMG-17.//7.4e-93:510:93//X13546

50 R-NT2RP3002304//Human BAC clone GS188P18, complete sequence.//6.3e-09:477:59//AC000115

55 R-NT2RP3002330//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.087:388:58//AC004688

R-NT2RP3002343

EP 1 074 617 A2

- R-NT2RP3002351//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//0.20:489:56//AC004617
- 5 R-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene.//2.4e-104:516:94//Y15164
- R-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds.//4.7e-102:524:95//AB014578
- 10 R-NT2RP3002484
- 15 R-NT2RP3002501//Human DNA sequence from PAC 92M18, BRCA2 gene region chromosome 13q12-13 contains BRCA2 exons 25, 26 and 27 ESTs and STS.//5.2e-17:232:75//Z73359
- 20 R-NT2RP3002512
- R-NT2RP3002529//CIT-HSP-2340H2.TR CIT-HSP Homo sapiens genomic clone 2340H2, genomic survey sequence.//0.81:266:58//AQ057387
- 25 R-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds.//3.3e-82:438:94//AB018272
- 30 R-NT2RP3002549//Medicago truncatula ENBP1 gene, exons 1 to 12.//0.95:381:56//AJ002479
- R-NT2RP3002566//HS_2036_A1_D08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2036 Col=15 Row=G, genomic survey sequence.//0.18:162:64//AQ230627
- 35 R-NT2RP3002587//Homo sapiens clone DJ1090E20, WORKING DRAFT SEQUENCE, 4 unordered pieces.//5.1e-15:213:73//AC004956
- 40 R-NT2RP3002590//Arabidopsis thaliana genomic DNA; chromosome 5, P1 clone: MXK3, complete sequence.//0.00010:431:59//AB019236
- 45 R-NT2RP3002602//Mus musculus stannin gene, complete cds.//1.6e-20:339:70//AF030522
- R-NT2RP3002603
- 50 R-NT2RP3002631//Homo sapiens chromosome 21 PAC RPCIP704A9190Q2.//1.0:241:59//AJ006997
- R-NT2RP3002659//Rat sodium-hydrogen exchange protein-isoform 3 (NHE-3) mRNA, complete cds.//6.8e-24:331:76//M85300
- 55 R-NT2RP3002660//H.sapiens partial gene for progesterone receptor and Alu element

EP 1 074 617 A2

DNA.//9.8e-43:273:82//Z49816

5 R-NT2RP3002663//Lymnaea stagnalis 16S ribosomal RNA gene, mitochondrial gene encoding ribosomal RNA, partial sequence.//0.60:300:59//U82072

R-NT2RP3002671//S.pombe chromosome III cosmid c553.//1.2e-20:399:66//AL023704

10 R-NT2RP3002682//RPCI11-44K6.TJ RPCI11 Homo sapiens genomic clone R-44K6, genomic survey sequence.//4.7e-09:122:77//AQ202481

15 R-NT2RP3002687//P.falciparum complete gene map of plastid-like DNA (IR-B).//1.1e-07:494:59//X95276

R-NT2RP3002688//Human 7SL RNA sequence.//2.7e-32:290:79//X01037

20 R-NT2RP3002701

25 R-NT2RP3002713//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167A19, WORKING DRAFT SEQUENCE.//0.95:334:59//AL031427

R-NT2RP3002763//***ALU WARNING: Human Alu-J subfamily consensus sequence.//3.9e-40:288:85//U14567

30 R-NT2RP3002770//R.prowazekii genomic DNA fragment (clone A615F).//0.21:174:63//Z82710

35 R-NT2RP3002785//Homo sapiens PAC clone DJ0170D19 from Xq23, complete sequence.//0.78:354:59//AC004822

40 R-NT2RP3002799//Homo sapiens X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flanking repeat regions.//1.1e-20:161:77//AF003528

R-NT2RP3002810//Caenorhabditis elegans cosmid F10D2.//0.28:441:56//AF022972

45 R-NT2RP3002818//HS_3053_A2_A08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3053 Col=16 Row=A, genomic survey sequence.//0.19:220:60//AQ135025

50 R-NT2RP3002861//P.falciparum complete gene map of plastid-like DNA (IR-B).//9.3e-05:414:60//X95276

55 R-NT2RP3002869//Homo sapiens chromosome 19, cosmid F21967, complete sequence.//0.14:165:64//AC005256

R-NT2RP3002876//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING DRAFT SEQUENCE.//2.6e-59:311:96//AL034380

EP 1 074 617 A2

- 5 R-NT2RP3002877//Homo sapiens Xp22 bins 87-93 PAC RPC11-122K4 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//4.6e-24:422:63//AC003035
- R-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds.//4.7e-109:570:95//AB018314
- 10 R-NT2RP3002911//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//3.1e-16:471:64//AC005014
- R-NT2RP3002948//, complete sequence.//4.5e-94:516:93//AC005500
- 15 R-NT2RP3002953//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//3.4e-111:566:96//AC005754
- 20 R-NT2RP3002955//Plasmodium falciparum chromosome 2, section 28 of 73 of the complete sequence.//0.19:424:58//AE001391
- R-NT2RP3002969//Rat mRNA for brain acyl-CoA synthetase II, complete cds.//1.1e-89:562:88//D30666
- 25 R-NT2RP3002972//Stealth virus 5 clone C1311 T7 genomic sequence.//1.0:122:67//AF067482
- 30 R-NT2RP3002978//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 455J7, WORKING DRAFT SEQUENCE.//4.8e-05:249:63//AL031733
- 35 R-NT2RP3002988//Human DNA sequence from PAC 106H8 on chromosome 1q24. Contains PHOSPHATIDYLINOSITOL-GLYCAN class C (PIG-C) and DYNAMIN-3 genes. Contains ESTs and STSs and a CpG island.//0.0097:246:67//Z97195
- 40 R-NT2RP3003008//Mus musculus major histocompatibility locus class III regions Hsc70t gene, partial cds; smRNP, G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26 genes, complete cds; and unknown genes.//1.9e-24:188:78//AF109905
- 45 R-NT2RP3003032//Arabidopsis thaliana (clone DW1) DNA retrotransposon Ta11-1 integration site.//5.3e-07:376:63//L47211
- R-NT2RP3003059//Homo sapiens chromosome 3, clone hRPK.165_I_16, complete sequence.//1.4e-13:323:66//AC005669
- 50 R-NT2RP3003061//Homo sapiens mRNA from HIV associated non-Hodgkin's lymphoma (clone hll-10).//3.8e-42:265:91//Y16708
- 55 R-NT2RP3003068//HS_3214_B2_G09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3214 Col=18 Row=N, genomic survey sequence.//0.025:

EP 1 074 617 A2

207:64//AQ181894

- 5 R-NT2RP3003071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510D11, WORKING DRAFT SEQUENCE.//0.00014:329:60//Z98044
- 10 R-NT2RP3003078//T26A1TF TAMU Arabidopsis thaliana genomic clone T26A1, genomic survey sequence.//0.95:219:63//B27013
- 15 R-NT2RP3003101//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.4e-05:285:62//AC004153
- 20 R-NT2RP3003121//Homo sapiens full-length insert cDNA clone ZD62D10.//2.1e-47:242:98//AF086348
- 25 R-NT2RP3003133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//1.4e-21:199:75//AL031985
- 30 R-NT2RP3003138//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//5.1e-14:287:68//D12646
- 35 R-NT2RP3003139//Rattus norvegicus kappa opioid receptor gene, exon 4 and complete cds.//1.5e-13:122:80//U17995
- 40 R-NT2RP3003150
- 45 R-NT2RP3003157//Homo sapiens 12q15 BAC GSHB-410F4 (Genome Systems Human Bac Library) complete sequence.//5.5e-42:289:74//AC005294
- 50 R-NT2RP3003185//HS_2058_A1_H03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=5 Row=O, genomic survey sequence.//0.025:52:94//AQ231298
- 55 R-NT2RP3003193//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//4.8e-40:349:79//AC005701
- 60 R-NT2RP3003197//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 364I1, WORKING DRAFT SEQUENCE.//5.2e-10:180:71//AL031319
- 65 R-NT2RP3003203//Mus musculus IFN. alpha-treated embryonic fibroblast mRNA.//1.8e-11:148:77//U51904
- 70 R-NT2RP3003204//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 892F13, WORKING DRAFT SEQUENCE.//6.6e-41:282:86//AL009183
- 75 R-NT2RP3003212//Homo sapiens full-length insert cDNA clone ZB91B11.//1.7e-68:363:95//AF086173

EP 1 074 617 A2

- R-NT2RP3003230//Caenorhabditis elegans cosmid T12B5.//0.0018:279:64//AF100307
- 5 R-NT2RP3003242//Homo sapiens chromosome 7 clone UWGC:g3586a160 from 7p14-15, complete sequence.//1.0:346:57//AC005272
- 10 R-NT2RP3003251//Homo sapiens BAC clone RG060N22 from 7q21, complete sequence.//2.5e-10:436:62//AC003083
- 15 R-NT2RP3003264//CIT-HSP-2296M7.TR CIT-HSP Homo sapiens genomic clone 2296M7, genomic survey sequence.//5.8e-05:308:61//AQ005862
- R-NT2RP3003278//Human HepG2 partial cDNA, clone hmd3b11m5.//9.4e-47:302:89//D17022
- 20 R-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds.//7.4e-101:550:93//L36983
- 25 R-NT2RP3003290//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING DRAFT SEQUENCE.//3.0e-22:228:78//AL031662
- R-NT2RP3003301
- 30 R-NT2RP3003302//CIT-HSP-2319H19.TF CIT-HSP Homo sapiens genomic clone 2319H19, genomic survey sequence.//1.5e-69:367:95//AQ034950
- 35 R-NT2RP3003311//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//5.1e-08:398:64//AC005505
- R-NT2RP3003313//Caenorhabditis elegans cosmid F39B1, complete sequence.//0.00022:436:58//Z69660
- 40 R-NT2RP3003327//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-237H1 @complete genomic sequence, complete sequence.//1.5e-16:334:70//AC002287
- 45 R-NT2RP3003330//Homo sapiens full-length insert cDNA YI24C02.//4.4e-96:458:99//AF075015
- 50 R-NT2RP3003344//HS_3235_B2_H09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3235 Col=18 Row=P, genomic survey sequence.//4.1e-18:197:80//AQ303203
- 55 R-NT2RP3003346
- R-NT2RP3003353//CITBI-E1-2523B18.TR CITBI-E1 Homo sapiens genomic clone 2523B18, genomic survey sequence.//8.3e-06:130:73//AQ278834

EP 1 074 617 A2

- 5 R-NT2RP3003377//Homo sapiens clone DJ0919J22, WORKING DRAFT SEQUENCE, 34
unordered pieces.//1.9e-97:481:94//AC005519
- 10 R-NT2RP3003384//Homo sapiens clone DJ0038I10, WORKING DRAFT SEQUENCE, 5
unordered pieces.//2.3e-10:226:71//AC004820
- 15 R-NT2RP3003385
- R-NT2RP3003403//Human DNA sequence from clone 227L5 on chromosome Xp11.22-11.3.
Contains a Keratin, Type 1 Cytoskeletal 18 (KRT18, CYK18, K18, CK18) pseudogene and an
STS, complete sequence.//2.8e-40:496:72//AL031585
- R-NT2RP3003409//Rat POU domain factor (Brn-5) mRNA.//1.5e-20:375:68//L23204
- 20 R-NT2RP3003411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
438L4, WORKING DRAFT SEQUENCE.//1.0:180:61//Z97635
- 25 R-NT2RP3003427//RPCI11-45J23.TJ RPCI11 Homo sapiens genomic clone R-45J23,
genomic survey sequence.//0.82:162:69//AQ195566
- R-NT2RP3003433//Homo sapiens BAC clone NH0044G14 from 7q11.23-21.1, complete
sequence.//1.1e-10:379:61//AC006031
- 30 R-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//1.1e-
95:479:96//AF004828
- 35 R-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds.//1.3e-100:527:
93//AB018268
- 40 R-NT2RP3003491//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete
sequence.//4.0e-08:495:59//AE001398
- R-NT2RP3003500//W.suaveolens mitochondrial ATP9 gene.//0.0074:514:59//X77238
- 45 R-NT2RP3003543//Human clone A9A2BRB7 (CAC)_n(GTG)_n repeat-containing mRNA.//1.3e-
31:217:88//U00952
- 50 R-NT2RP3003552
- R-NT2RP3003555//Dictyostelium discoideum interaptin (abpD) gene, complete cds.//0.98:
321:61//AF057019
- 55 R-NT2RP3003564
- R-NT2RP3003572//Human DNA sequence from BAC 992D9 on chromosome 22q12.1

EP 1 074 617 A2

contains STS.//0.0015:507:59//AL008638

5 R-NT2RP3003576//Human Chromosome 16 BAC clone CIT987SK-A-61E3, complete sequence.//1.2e-39:359:79//AC003007

10 R-NT2RP3003589//Plasmodium falciparum MAL3P8, complete sequence.//0.014:539:58//AL034560

15 R-NT2RP3003625//Human DNA sequence from clone 1042K10 on chromosome 22q13.1-13.2. Contains the ADSL gene for Adenylosuccinate lyase (EC 4.3.2.2, Adenylosuccinase, ASL) and 4 novel genes (one with probable rabGAP domains and Src homology domain 3). Contains ESTs, STSs, GSSs and a putative CpG island, complete sequence.//1.8e-44:448:77//AL022238

20 R-NT2RP3003656//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//0.34:257:62//AC005291

R-NT2RP3003659//O.fuscipennis 16S rRNA gene, partial.//0.021:145:65//Z93701

25 R-NT2RP3003665//HS_3078_B2_C09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3078 Col=18 Row=F, genomic survey sequence.//1.3e-75:397:95//AQ140580

30 R-NT2RP3003672

R-NT2RP3003686

35 R-NT2RP3003701//Human BAC clone GS310A05 from 7q21-q22, complete sequence.//6.4e-17:464:62//AC002452

40 R-NT2RP3003716//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 774G10, WORKING DRAFT SEQUENCE.//0.00072:425:62//AL034410

45 R-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds.//1.7e-101:492:97//AB018300

R-NT2RP3003746//Homo sapiens Chromosome 16 BAC clone CIT987-SK502C10, complete sequence.//3.7e-07:217:66//AC003009

50 R-NT2RP3003795//Human DNA sequence from clone 505B13 on chromosome 1p36.2-36.3 Contains CA repeat and GSSs, complete sequence.//8.1e-26:456:68//Z98052

55 R-NT2RP3003799//cSRL-138g10-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-138g10, genomic survey sequence.//4.9e-09:117:77//B01736

EP 1 074 617 A2

R-NT2RP3003800//Homo sapiens tyrosine kinase pp60c-src (SRC) gene, exon 12 and partial cds.//2.8e-106:551:95//AF077754

5 R-NT2RP3003805

R-NT2RP3003809//Homo sapiens full-length insert cDNA clone YZ95A01.//3.6e-106:533:97//AF086107

10

R-NT2RP3003819//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34606, WORKING DRAFT SEQUENCE.//6.0e-44:288:81//Z84487

15 R-NT2RP3003825//Mus domesticus interleukin 1 receptor antagonist (IL-1RA) mRNA.//0.0014:410:58//M64404

20 R-NT2RP3003828

R-NT2RP3003831//****ALU WARNING: Human Alu-J subfamily consensus sequence.//2.3e-41:289:85//U14567

25 R-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence.//1.6e-108:541:97//AF070611

30 R-NT2RP3003842//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence.//1.5e-46:457:74//AC002980

35 R-NT2RP3003846//Plasmodium falciparum MAL3P3, complete sequence.//3.5e-06:356:62//Z98547

R-NT2RP3003870//Homo sapiens full-length insert cDNA clone ZD75H11.//8.2e-09:68:98//AF086402

40 R-NT2RP3003876//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//0.0027:180:66//AL031650

45 R-NT2RP3003914//Dictyostelium discoideum DNA for transposable element Tdd-3 tandem array.//0.029:234:62//X53439

R-NT2RP3003918

50 R-NT2RP3003932//Mus musculus MRC OX-2 antigen homolog gene, exons 2-5, and complete cds.//0.00087:164:67//AF029215

55 R-NT2RP3003989

R-NT2RP3003992//Sequence 1 from patent US 5591825.//0.56:235:59//I33465

EP 1 074 617 A2

R-NT2RP3004013//HS_3018_A1_G09_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3018 Col=17 Row=M, genomic survey
sequence.//0.00026:421:60//AQ119904

5

R-NT2RP3004016//Drosophila melanogaster DNA sequence (P1s DS03465 (D149) and
DS08544 (D187)), complete sequence.//4.8e-12:308:62//AC004532

10

R-NT2RP3004041//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
598F2, WORKING DRAFT SEQUENCE.//0.42:190:64//AL021579

15

R-NT2RP3004051//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete
sequence.//3.6e-21:332:69//AC006130

20

R-NT2RP3004070//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic
sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.0e-05:476:57//AC005308

R-NT2RP3004078//Homo sapiens chromosome 19, cosmid R30335, complete
sequence.//2.0e-86:486:93//AC005784

25

R-NT2RP3004093//Human PAC clone 257C22A from 13q12-q13, complete sequence.//5.3e-
11:230:69//AC002525

30

R-NT2RP3004095//Homo sapiens clone NH0486I22, WORKING DRAFT SEQUENCE, 5
unordered pieces.//7.5e-93:551:92//AC005038

35

R-NT2RP3004110//Homo sapiens 12p13.3 PAC RPCI5-940J5 (Roswell Park Cancer
Institute Human PAC Library) complete sequence.//1.6e-104:317:100//AC006064

R-NT2RP3004125//Pongo pygmaeus CT microsatellite, clone #3, from the tandemly
repeated genes encoding U2 small nuclear RNA (RNU2 locus).//0.73:168:60//U36532

40

R-NT2RP3004145//Homo sapiens full-length insert cDNA clone ZE09H03.//2.3e-89:427:
99//AF086542

45

R-NT2RP3004148//Arabidopsis thaliana chromosome II BAC T1B8 genomic sequence,
complete sequence.//0.013:134:70//U78721

50

R-NT2RP3004155//Homo sapiens PAC clone DJ0320J15 from Xq23, complete
sequence.//3.8e-10:101:87//AC004081

R-NT2RP3004206//Homo sapiens clone DJ0794K21, complete sequence.//1.5e-06:442:
57//AC005533

55

R-NT2RP3004207//Mouse mRNA for seizure-related gene product 6.//1.7e-07:220:
69//D29763

EP 1 074 617 A2

- R-NT2RP3004209//Human cosmid Q7A10 (D21S246) insert DNA, complete sequence.//7.3e-89:504:92//D42052
- 5 R-NT2RP3004215//Caenorhabditis elegans cosmid F11A6, complete sequence.//0.018:353:59//Z81498
- 10 R-NT2RP3004242//Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence.//4.5e-06:407:60//AE001415
- R-NT2RP3004246//Homo sapiens chromosome 10 clone CIT987SK-1010K1 map 10q25, complete sequence.//2.8e-105:534:97//AC005385
- 15 R-NT2RP3004253//RPC11-78J12.TJ RPC11 Homo sapiens genomic clone R-78J12, genomic survey sequence.//4.0e-64:382:90//AQ281324
- 20 R-NT2RP3004258//Rattus norvegicus Zis mRNA, complete cds.//7.0e-60:417:84//AF013967
- R-NT2RP3004262//Mus musculus heat shock protein hsp40-3 gene, complete cds.//2.7e-43:528:73//AF092536
- 25 R-NT2RP3004334//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence.//1.4e-06:435:62//AC004231
- 30 R-NT2RP3004341//CITBI-E1-2503F11.TR CITBI-E1 Homo sapiens genomic clone 2503F11, genomic survey sequence.//0.0018:210:65//AQ263365
- 35 R-NT2RP3004348//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence.//7.1 e-46:340:83//AC005695
- R-NT2RP3004349//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 117O3, WORKING DRAFT SEQUENCE.//9.4e-29:263:79//AL020995
- 40 R-NT2RP3004378//Human DNA sequence from PAC 27K14 on chromosome Xp11.3-Xp11.4. Contains monoamine oxidase B (MAOB), ESTs and polymorphic CA repeats.//2.0e-67:422:90//Z95125
- 45 R-NT2RP3004399//HS_3046_A1_E02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3046 Col=3 Row=1, genomic survey sequence.//0.00014:186:67//AQ137619
- 50 R-NT2RP3004424//RPC11-59I14.TJ RPC11 Homo sapiens genomic clone R-59I14, genomic survey sequence.//7.4e-71:370:95//AQ201461
- 55 R-NT2RP3004428//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y66A7, WORKING DRAFT SEQUENCE.//0.096:205:64//AL022282

EP 1 074 617 A2

- R-NT2RP3004451//Arabidopsis thaliana chromosome II BAC F15K20 genomic sequence, complete sequence.//0.0029:396:60//AC005824
- 5 R-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds.//2.9e-106:526:98//AB007917
- R-NT2RP3004466
- 10 R-NT2RP3004470//Homo sapiens chromosome 5, Bac clone 5m9 (LBNL H220), complete sequence.//8.3e-06:229:64//AC005895
- 15 R-NT2RP3004472//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.87:442:59//AC005504
- 20 R-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds.//1.6e-105:521:97//AB007925
- R-NT2RP3004480//Mus musculus maternal-embryonic 3 (Mem3) mRNA, complete cds.//3.9e-38:322:81//U47024
- 25 R-NT2RP3004490//Homo sapiens PAC clone 166H1 from 12q, complete sequence.//4.2e-96:527:92//AC003982
- 30 R-NT2RP3004498//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//2.3e-43:342:82//AC006023
- 35 R-NT2RP3004503//Human cosmid g1572c101, complete sequence.//2.3e-25:392:68//AC000357
- R-NT2RP3004504//M.musculus mRNA for CPEB protein.//1.8e-28:387:70//Y08260
- 40 R-NT2RP3004507
- R-NT2RP3004527//Homo sapiens chromosome 14, BAC CITB-135H17 containing the RAD51L1 gene, complete sequence.//0.68:244:62//AC004518
- 45 R-nnnnnnnnnnnn//Mouse oncogene (ect2) mRNA, complete cds.//2.6e-79:525:84//L11316
- R-NT2RP3004544
- 50 R-NT2RP3004566
- 55 R-NT2RP3004569//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.96:296:58//AC004709
- R-NT2RP3004572//Homo sapiens BAC clone RG281G05 from 7p15-p21, complete

EP 1 074 617 A2

sequence.//8.2e-12:457:63//AC005083

5 R-NT2RP3004578//Homo sapiens mRNA for KIAA0477 protein, complete cds.//2.4e-97:488:
96//AB007946

10 R-NT2RP3004594//Homo sapiens BAC clone NH0436H22 from 2, complete
sequence.//1.7e-10:368:61//AC005234

R-NT2RP3004617

15 R-NT2RP3004618//F2H16TF IGF Arabidopsis thaliana genomic clone F2H16, genomic
survey sequence.//0.96:212:64//B26414

20 R-NT2RP3004670//Homo sapiens GN6ST mRNA for N-acetylglucosamine-6-O-
sulfotransferase (GlcNAc6ST), complete cds.//2.2e-55:291:95//AB014679

R-NT2RP4000008//H.sapiens polyA site DNA sequence.//2.5e-25:202:85//Z24749

25 R-NT2RP4000023//CIT-HSP-2372A9.TF CIT-HSP Homo sapiens genomic clone 2372A9,
genomic survey sequence.//3.6e-51:313:89//AQ112388

30 R-NT2RP4000035//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7
unordered pieces.//4.3e-69:536:81//AC005015

R-NT2RP4000049//Homo sapiens TRAIL receptor 2 mRNA, complete cds.//2.1e-58:289:
82//AF016266

35 R-NT2RP4000051//Homo sapiens Chromosome 22q11.2 Cosmid Clone 20b In DGCR
Region, complete sequence.//0.56:462:58//AC000074

40 R-NT2RP4000078//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic
sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.00021:460:60//AC005506

45 R-NT2RP4000102//Homo sapiens chromosome 5, PAC clone 17e19 (LBNL H148),
complete sequence.//1.6e-08:518:58//AC004648

R-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds.//3.5e-106:536:
96//AB011538

50 R-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds.//1.1e-110:554:
97//AB007952

R-NT2RP4000147

55 R-NT2RP4000150//Rat proto-oncogene (Ets-1) mRNA, complete cds.//3.5e-46:395:
83//L20681

EP 1 074 617 A2

R-NT2RP4000151

5 R-NT2RP4000159//Caenorhabditis elegans cosmid R02F11.//0.00011:261:63//AF016439

R-NT2RP4000167//RPC111-59L8.TK RPC111 Homo sapiens genomic clone R-59L8,
genomic survey sequence.//6.2e-26:163:93//AQ200049

10

R-NT2RP4000185

15 R-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds.//4.6e-99:
505:96//AB014600

R-NT2RP4000212//, complete sequence.//1.0e-106:538:96//AC005300

20 R-NT2RP4000214//Homo sapiens chromosome 19, CIT-HSP-444n24, complete
sequence.//1.2e-39:272:88//AC005261

25 R-NT2RP4000218//Homo sapiens PAC clone DJ0320J15 from Xq23, complete
sequence.//1.6e-09:457:60//AC004081

R-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP).//9.0e-69:
354:96//AJ006470

30

R-NT2RP4000246//Mus musculus mRNA for NDPP-1 protein, complete cds.//2.0e-27:344:
73//D10727

35 R-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence.//9.7e-78:
381:99//AF091092

40 R-NT2RP4000263//CIT-HSP-2336N24.TF CIT-HSP Homo sapiens genomic clone 2336N24,
genomic survey sequence.//0.26:124:69//AQ043515

45 R-nnnnnnnnnnnn//ORF 5' of ECLF2...ECRF3=G protein-coupled receptor homolog
[herpesvirus saimiri HVS, host-squirrel monkey, Genomic, 4 genes, 3720 nt].//0.12:326:
61//S76368

50 R-NT2RP4000312//Human DNA sequence from clone 523E19 on chromosome 6p11.2-12.3
Contains ESTs STS and GSSs, complete sequence.//2.2e-111:538:98//AL033384

R-NT2RP4000321//Homo sapiens clone 24453 mRNA sequence.//1.4e-108:515:
99//AF070524

55 R-NT2RP4000323//S.cerevisiae telomeric sequence DNA, clone YLP108CA-2-i.//0.048:107:
69//M34311

EP 1 074 617 A2

R-NT2RP4000355//Homo sapiens clone DJ1136A10, WORKING DRAFT SEQUENCE, 4 unordered pieces.//4.3e-39:350:79//AC004972

5 R-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds.//2.4e-109:520:99//AB018281

10 R-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//8.7e-109:527:98//AF044195

15 R-NT2RP4000370//Homo sapiens PAC clone DJ0777O23 from 7p14-p15, complete sequence.//9.9e-25 :348:72//AC005154

R-NT2RP4000376//Rattus norvegicus phospholipase A-2-activating protein (plap) mRNA, complete cds.//2.2e-69:391:89//U17901

20 R-NT2RP4000381//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence.//0.066:197:63//AC006080

25 R-NT2RP4000415//345F19.TV CIT978SKA1 Homo sapiens genomic clone A-345F19, genomic survey sequence.//0.10:79:75//B15527

30 R-NT2RP4000417//Homo sapiens full-length insert cDNA clone ZD52B10.//9.6e-96:468:97//AF086313

35 R-NT2RP4000424//Homo sapiens DNA sequence from PAC 127D3 on chromosome 1q23-25. Contains FMO2 and FMO3 genes for Flavin-containing Monooxygenase 2 and Flavin-containing Monooxygenase 3 (Dimethylaniline Monooxygenase (N-Oxide 3, EC1.14.13.8, Dimethylaniline Oxidase 3, FMO II, FMO 3), and a gene for another, unknown, Flavin-containing Monooxygenase family protein. Contains ESTs and GSSs, complete sequence.//1.8e-08:489:59//AL021026

40 R-NT2RP4000448//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//3.3e-07:510:60//AC005505

45 R-NT2RP4000449//HS_2037_B2_A09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2037 Col=18 Row=B, genomic survey sequence.//1.3e-58:375:88//AQ243047

50 R-NT2RP4000455//Phocine herpesvirus type 1 glycoprotein D (gD) gene, partial cds.//0.62:133:63//U92271

R-nnnnnnnnnnnnn

55 R-NT2RP4000480//cSRL-54b11-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone CSRL-54b11, genomic survey sequence.//2.1e-19:145:88//B05082

EP 1 074 617 A2

R-nnnnnnnnnnnnn

R-NT2RP4000500

5

R-NT2RP4000515//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//1.4e-05:411:59//AC005140

10

R-NT2RP4000517//Human Chromosome 16 BAC clone CIT987SK-A-61E3, complete sequence.//2.7e-21:230:77//AC003007

15

R-NT2RP4000518//Homo sapiens DNA sequence from PAC 206D15 on chromosome 1q24. Contains a Reduced Folate Carrier protein (RFC) LIKE gene, a mitochondrial ATP Synthetase protein 8 (ATP8, MTATP8) LIKE pseudogene, an unknown gene and the last exon of the JEM1 gene coding for the Basic-Leucine Zipper nuclear factor JEM-1. Contains ESTs, an STS and a BAC end sequence (GSS), complete sequence.//0.0080:461:59//AL021068

20

R-NT2RP4000519

R-NT2RP4000524

25

R-NT2RP4000528//Homo sapiens chromosome 17, clone hRPK.138_P_22, complete sequence.//0.99:158:66//AC005697

30

R-NT2RP4000541//Homo sapiens Chromosome 22q11.2 Cosmid Clone 33e In DGCR Region, complete sequence.//1.0:309:59//AC000078

35

R-NT2RP4000556//Rattus norvegicus cell cycle protein p55CDC gene, complete cds.//0.0031:126:72//AF052695

40

R-NT2RP4000588//Homo sapiens BAC clone RG208K23 from 7q31, complete sequence.//1.0:186:64//AC004161

45

R-NT2RP4000614//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-62, complete sequence.//1.4e-06:526:58//AL009013

R-NT2RP4000638//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING DRAFT SEQUENCE, 3 unordered pieces.//6.9e-48:497:75//AC004666

50

R-NT2RP4000648//CIT-HSP-2300I7.TR CIT-HSP Homo sapiens genomic clone 2300I7, genomic survey sequence.//0.22:110:68//AQ012747

55

R-NT2RP4000657//Lycodichthys dearborni type III antifreeze peptide gene, clone 5'LD-1/NotI-EcoRI subclone SphI-XbaI, partial cds.//0.0065:189:63//U20443

R-NT2RP4000704//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 409J21, WORKING DRAFT SEQUENCE.//0.22:334:60//Z83824

EP 1 074 617 A2

- 5 R-NT2RP4000724//Homo sapiens Chromosome 22q11.2 Cosmid Clone 56c In DGCR Region, complete sequence.//2.2e-70:448:88//AC000080
- R-NT2RP4000728//CIT-HSP-2310K14.TF CIT-HSP Homo sapiens genomic clone 2310K14, genomic survey sequence.//0.00013:289:61//AQ019669
- 10 R-NT2RP4000739//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 21 unordered pieces.//0.53:254:61//AC004765
- 15 R-NT2RP4000781//P.cepacia fusaric acid-resistance genes encoding 5 proteins, complete cds.//1.0:392:59//D12503
- R-NT2RP4000817//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete sequence.//0.59:378:58//AC003037
- 20 R-NT2RP4000833//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//3.4e-53:307:85//AL023808
- 25 R-NT2RP4000837//Homo sapiens T-cell receptor alpha delta locus from bases 501613 to 752736 (section 3 of 5) of the Complete Nucleotide Sequence.//7.0e-50:367:77//AE000660
- 30 R-NT2RP4000855
- R-NT2RP4000865//Homo sapiens chromosome 17, clone HRPC905N1, complete sequence.//1.5e-78:479:88//AC003098
- 35 R-NT2RP4000878//Mus musculus mRNA for myeloid associated differentiation protein.//4.5e-09:186:69//AJ001616
- 40 R-NT2RP4000879//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//7.8e-08:364:60//AC004153
- R-nnnnnnnnnnnn//Human S-adenosylmethionine decarboxylase (AMD1) gene, exons 5-9.//3.5e-90:459:96//M88006
- 45 R-nnnnnnnnnnnn//H.sapiens ung gene for uracil DNA-glycosylase.//7.6e-09:392:61//X89398
- 50 R-NT2RP4000925//Rattus norvegicus Shal-related potassium channel Kv4.3 mRNA, complete cds.//5.8e-45:264:92//U42975
- R-nnnnnnnnnnnn//epstein-barr virus simple repeat array (ir3).//0.00012:367:61//J02079
- 55 R-NT2RP4000928//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MCL19, complete sequence.//1.0:138:68//AB006698

EP 1 074 617 A2

R-NT2RP4000929//Human DNA sequence from PAC 293L6 on chromosome 22, complete sequence.//0.45:288:62//Z82197

5 R-NT2RP4000955//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 633O19, WORKING DRAFT SEQUENCE.//1.1e-09:322:62//AL022302

10 R-NT2RP4000973//Homo sapiens X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flanking repeat regions.//2.3e-06:326:62//AF003528

R-NT2RP4000975

15 R-NT2RP4000979//HS_3009_B1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3009 Col=15 Row=L, genomic survey sequence.//2.3e-14:117:89//AQ090957

20 R-NT2RP4000984//Human immunodeficiency virus type 1 envelope glycoprotein (env) gene, C2-V3 region, isolate HIV194UG011TIN.01_di1PD, partial cds.//0.11:219:62//U44882

25 R-NT2RP4000989//Sequence 30 from patent US 5552281.//3.5e-25:154:97//25669

30 R-NT2RP4000996//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2), CG8 (cg8), CG4 (cg4), CG3 (cg3), CG9 (cg9), CG1 (cg1), CG6 (cg6), chloroquine resistance candidate protein (cg2), and CG7 (cg7) genes, complete cds.//3.8e-07:421:59//AF030694

35 R-NT2RP4000997//Homo sapiens chromosome 17, clone 104H12, complete sequence.//4.2e-37:499:72//AC000003

40 R-NT2RP4001004//HS_3163_A2_H02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3163 Col=4 Row=O, genomic survey sequence.//2.8e-38:241:90//AQ168515

R-NT2RP4001006//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//7.1e-55:372:73//AC006023

45 R-NT2RP4001010//Homo sapiens full-length insert cDNA clone ZD38E12.//3.3e-09:153:74//AF086247

50 R-NT2RP4001029//Mus domesticus nuclear binding factor . NF2d9 mRNA, complete cds.//2.1e-34:361:78//U20086

R-NT2RP4001041//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//9.9e-84:435:96//AC005216

55 R-NT2RP4001057//Homo sapiens KIAA0399 mRNA, partial cds.//6.2e-50:282:94//AB007859

EP 1 074 617 A2

R-NT2RP4001064//H.sapiens NOS2 gene, exon 15.//0.71:183:61//X85771

5 R-NT2RP4001078//Human D-site binding protein gene, exon 4 and complete cds.//1.9e-114:
569:97//U48213

10 R-NT2RP4001079//Homo sapiens mRNA for putative Ca^{2+} -transporting ATPase,
partial.//2.4e-118:574:98//AJ010953

R-NT2RP4001080//Plasmodium falciparum chromosome 2, section 66 of 73 of the complete
sequence.//0.013:430:58//AE001429

15 R-nnnnnnnnnnn//Homo sapiens mRNA for KIAA0592 protein, partial cds.//1.8e-119:548:
95//AB011164

20 R-NT2RP4001095//Homo sapiens cosmid IM0525, LC1233, Qc3C1, LB1439, Qc12C11
and 220B3 from Xq28, complete sequence.//2.8e-39:312:81//AF003626

25 R-NT2RP4001100//Human DNA sequence from cosmid U85A3, between markers DXS366
and DXS87 on chromosome X contains rad21 and T-cell cyclophorin pseudogenes,
STS.//8.7e-41:389:78//Z78021

30 R-NT2RP4001117//Canis familiaris sec61 homologue mRNA, complete cds.//2.8e-12:292:
68//M96629

R-NT2RP4001122//Caenorhabditis elegans cosmid F44D12, complete sequence.//0.97:129:
66//Z68298

35 R-NT2RP4001126//HS_3146_A1_805_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3146 Col=9 Row=C, genomic survey sequence.//0.013:
268:63//AQ141093

40 R-NT2RP4001138

45 R-NT2RP4001143//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
64K7, WORKING DRAFT SEQUENCE.//1.8e-31:380:68//AL031668

R-NT2RP4001148//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1
unordered pieces.//1.2e-83:325:92//AC005095

50 R-NT2RP4001149//Mouse mRNA for thymic epithelial cell surface antigen, complete
cds.//8.1e-32:553:67//D67067

55 R-NT2RP4001150//AK011 Genomic DNA Hordeum vulgare genomic clone tel44a similar to
barley TAS, genomic survey sequence.//0.91:132:63//AQ248412

EP 1 074 617 A2

R-NT2RP4001159//Cloning vector pAP3neo DNA, complete sequence.//4.0e-118:437:97//AB003468

5 R-NT2RP4001174//Homo sapiens 12q24 BAC RPCI11-162P23 (Roswell Park Cancer Institute Human BAC library) complete sequence.//1.7e-33:289:82//AC002996

10 R-nnnnnnnnnnn//P.falciparum mRNA for AARP2 protein.//0.93:187:64//Y08924

R-NT2RP4001207

15 R-NT2RP4001210//CIT-HSP-2042D13.TF CIT-HSP Homo sapiens genomic clone 2042D13, genomic survey sequence.//3.8e-06:268:63//B74772

20 R-NT2RP4001213//Human zinc finger protein 20 (ZNF20) pentanucleotide repeat polymorphism.//4.7e-16:371:66//M99593

25 R-NT2RP4001219//HS_2190_A1_A06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2190 Col=11 Row=A, genomic survey sequence.//2.4e-06:288:61//AQ216635

R-NT2RP4001228//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING DRAFT SEQUENCE.//0.024:357:58//AL031745

30 R-NT2RP4001235//HS_3047_A1_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3047 Col=13 Row=L, genomic survey sequence.//0.0033:301:63//AQ126918

35 R-NT2RP4001256//HS_3007_A2_B06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=12 Row=C, genomic survey sequence.//1.5e-11:140:80//AQ118389

40 R-NT2RP4001260//Plasmodium falciparum chromosome 2, section 63 of 73 of the complete sequence.//0.0013:486:59//AE001426

45 R-NT2RP4001274//RPCI11-24O21.TKBF RPCI-11 Homo sapiens genomic clone RPCI-11-24O21, genomic survey sequence.//3.9e-25:142:99//AQ013887

50 R-nnnnnnnnnnn//Homo sapiens full-length insert cDNA clone ZD55D10.//1.2e-10:90:92//AF086334

R-NT2RP4001313//Mus musculus orphan nuclear hormone receptor (CAR) gene, complete sequence.//7.7e-23:466:66//AF009326

55 R-NT2RP4001315//CIT-HSP-2312C6.TR CIT-HSP Homo sapiens genomic clone 2312C6, genomic survey sequence.//0.98:305:62//AQ018036

EP 1 074 617 A2

- R-NT2RP4001339
- R-NT2RP4001345
- 5 R-NT2RP4001351//Fruitfly strain g20 mitochondrial DNA, A+T-rich region, partial sequence.//0.00082:260:59//AB003097
- 10 R-NT2RP4001353//RPC111-55N17.TJ RPC111 Homo sapiens genomic clone R-55N17, genomic survey sequence.//0.74:106:66//AQ081821
- R-NT2RP4001372
- 15 R-NT2RP4001373//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence.//1.5e-09:473:60//AC006080
- 20 R-NT2RP4001375
- R-NT2RP4001379//CIT-HSP-2335A10.TF CIT-HSP Homo sapiens genomic clone 2335A10, genomic survey sequence.//9.4e-41:441:75//AQ040083
- 25 R-NT2RP4001389//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//2.4e-22:276:73//AC004691
- 30 R-NT2RP4001407//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.49:254:61//AC005140
- R-NT2RP4001414
- 35 R-NT2RP4001433//Human prohibitin (PHB) gene, exons 1-7.//6.6e-66:357:90//L14272
- R-NT2RP4001442//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.11:307:59//AC005308
- 40 R-NT2RP4001447//cSRL-58d2-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-58d2, genomic survey sequence.//0.0039:112:71//B05220
- 45 R-NT2RP4001474
- R-NT2RP4001483
- 50 R-NT2RP4001498//Plasmodium falciparum (clone Dd2) heat shock protein 86 gene, complete cds.//1.2e-07:339:61//L34027
- 55 R-NT2RP4001502//HS_2187_B1_C10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2187 Col=19 Row=F, genomic survey sequence.//1.3e-20:183:81//AQ214108

EP 1 074 617 A2

- 5 R-NT2RP4001507//Arabidopsis thaliana chromosome 1 BAC T17H3 sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.15:333:62//AC005916
- R-NT2RP4001524//Genomic sequence from Human 13, complete sequence.//0.96:159:65//AC001226
- 10 R-NT2RP4001529//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//9.5e-34:337:80//U20086
- 15 R-NT2RP4001547//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.00027:336:63//AC004710
- R-nnnnnnnnnnn//Arabidopsis thaliana BAC T12H20.//1.5e-11:517:60//AF080119
- 20 R-NT2RP4001555//Human DNA sequence from PAC 481A17 on chromosome X contains ESTs.//0.0069:305:62//Z82212
- 25 R-NT2RP4001567//RPC111-61A2.TJ RPC111 Homo sapiens genomic clone R-61A2, genomic survey sequence.//0.0072:180:60//AQ200771
- R-NT2RP4001568
- 30 R-NT2RP4001571//Trypanoplasma borreli kinetoplast ribosomal protein S12 (RPS12), putative cryptogene (GR1), 12S ribosomal RNA, and apocytochrome b (CYb) genes, primary transcripts, and cytochrome c oxidase subunit III (COIII) gene, complete cds.//1.6e-09:555:58//U14181
- 35 R-NT2RP4001574//HS_2247_B1_B05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2247 Col=9 Row=D, genomic survey sequence.//1.1e-41:254:90//AQ182345
- 40 R-NT2RP4001575//Human DNA sequence from clone 1033B10 on chromosome 6p21.2-21.31. Contains the BING5 gene, exons 11 to 15 of the BING4 gene, the gene for GalT3 (beta3-Galactosyltransferase), the RPS18 (40S ribosomal protein S18) gene, the SACM2L (suppressor of actin mutation 2, yeast, homolog) gene, a pseudogene similar to TAT-SF1, a Pseudogene similar to zinc finger genes, the RING1 gene, the gene for HKE6 (RING2), the gene for HKE4 (RING5), the RXRB (Retinoid X receptor beta) gene, the COL11A2 (collagen, type XI, alpha 2) gene, the HLA-DPB2 pseudogene and part of the HLA-DPA3 pseudogene.
- 45 Contains predicted CpG islands, ESTs, STSs, and GSSs, complete sequence.//1.1e-118:567:98//AL031228
- 50 R-NT2RP4001592//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//2.5e-09:370:61//AL031650
- 55 R-NT2RP4001610//Homo sapiens Xp22 Cosmids U15E4, U115H5, U132E12, U115B9

EP 1 074 617 A2

(Lawrence Livermore human cosmid library) complete sequence.//0.99:73:75//AC002364

R-NT2RP4001614

5

R-NT2RP4001634//Homo sapiens full-length insert cDNA clone YU73B11.//5.8e-101:526:94//AF087969

10

R-NT2RP4001638//Homo sapiens clone 23967 unknown mRNA, partial cds.//5.4e-115:559:97//AF007151

15

R-NT2RP4001644//M.musculus mRNA for map kinase interacting kinase, Mnk2.//6.8e-33:286:79//Y11092

20

R-NT2RP4001656//Human Chromosome 11 pac pDJ393o15, WORKING DRAFT SEQUENCE, 8 unordered pieces.//2.2e-109:515:99//AC000384

R-NT2RP4001677//Genomic sequence from Human 9q34, complete sequence.//0.19:504:58//AC000397

25

R-NT2RP4001696//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence.//4.5e-115:583:96//U96629

30

R-NT2RP4001725//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.98:301:60//AC000380

R-nnnnnnnnnnn//Caenorhabditis elegans cosmid F48E3.//2.2e-17:328:64//U28735

35

R-NT2RP4001739//RPCI11-74E7.TJ RPCI11 Homo sapiens genomic clone R-74E7, genomic survey sequence.//1.1e-08:141:65//AQ268408

40

R-NT2RP4001753//H.sapiens HZF3 mRNA for zinc finger protein.//1.7e-111:552:96//X78926

R-NT2RP4001760//Mouse oncogene (ect2) mRNA, complete cds.//9.3e-27:358:72//L11316

45

R-NT2RP4001790//Homo sapiens clone GS259H13, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.7e-99:484:98//AC005020

50

R-NT2RP4001803//HS_3087_B2_B05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3087 Col=10 Row=D, genomic survey sequence.//2.7e-96:471:97//AQ121405

R-NT2RP4001822

55

R-NT2RP4001823

R-NT2RP4001828//Human DNA sequence from PAC 179115, BRCA2 gene region

EP 1 074 617 A2

chromosome 13q12-q13 contains Klotho ESTs and CpG island.//4.1e-14:136:83//Z92540

5 R-NT2RP4001838//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//2.5e-06:418:60//AE001372

R-NT2RP4001849//P.falciparum serine rich protein (SERP I) gene.//0.64:135:67//J03983

10 R-NT2RP4001889//Homo sapiens PAC clone DJ1182N03 from 7q11.23-q21.1, complete sequence.//4.3e-26:212:82//AC004548

15 R-NT2RP4001893//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//1.8e-111:570:96//AC005014

R-NT2RP4001896

20 R-NT2RP4001901

R-NT2RP4001927//Borrelia burgdorferi (section 32 of 70) of the complete genome.//1.0:242:60//AE001146

25

R-NT2RP4001938//Human aminopeptidase N gene, exon 1.//3.3e-42:195:85//M55523

30 R-NT2RP4001946//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.97:371:57//AC004157

35 R-NT2RP4001950//RPCI11-69C18.TJ RPCI11 Homo sapiens genomic clone R-69C18, genomic survey sequence.//4.7e-91:552:89//AQ236641

R-NT2RP4001953//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island.//6.6e-70:325:84//Z93023

40 R-NT2RP4001966//Rat mRNA for growth potentiating factor, complete cds.//5.5e-37:141:86//D42148

45 R-NT2RP4001975//Human Newcastle disease virus inducible protein mRNA, partial 3'UTR region.//1.0e-46:242:98//U25276

50 R-NT2RP4002018//RPCI11-76I23.TV RPCI11 Homo sapiens genomic clone R-76I23, genomic survey sequence.//7.9e-89:438:97//AQ268536

R-NT2RP4002047//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//4.1e-07:325:62//AL031297

55 R-NT2RP4002052//Human DNA sequence from clone 352E11 on chromosome 22q13.1-13.31. Contains GSSs, complete sequence.//0.31:452:57//AL022353

EP 1 074 617 A2

R-NT2RP4002058//RPCI11-69O1.TJ RPCI11 Homo sapiens genomic clone R-69O1, genomic survey sequence.//0.23:163:64//AQ268418

5 R-NT2RP4002071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1172A22, WORKING DRAFT SEQUENCE.//1.1e-11:407:62//AL034386

10 R-NT2RP4002075//Human DNA sequence from clone 21F7 on chromosome 6q16.1-21. Contains part of an exon of a putative new gene and STSs and GSSs, complete sequence.//0.085:350:61//AL033375

15 R-NT2RP4002078//RPCI11-79I16.TV RPCI11 Homo sapiens genomic clone R-79I16, genomic survey sequence.//3.3e-87:452:95//AQ283131

R-nnnnnnnnnnnnn

20 R-NT2RP4002083//Homo sapiens mineralocorticoid receptor (MLR), exon 5.//0.50:256:61//AF068619

25 R-NT2RP4002408//CIT-HSP-2376023.TF CIT-HSP Homo sapiens genomic clone 2376O23, genomic survey sequence.//6.8e-62:320:96//AQ111163

30 R-NT2RP4002791//Human PAC clone DJ318C15 from Xq23, complete sequence.//0.022:435:61//AC002476

R-NT2RP4002888//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//6.0e-56:660:71//AC002383

35 R-NT2RP4002905//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-20, complete sequence.//0.0017:533:57//AL008972

40 R-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds.//8.7e-114:605:94//AB007934

45 R-OVARC1000004//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//2.1e-43:326:74//AC005510

50 R-OVARC1000006//HS_2253_B1_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2253 Col=1 Row=L, genomic survey sequence.//3.7e-35:191:98//AQ069124

55 R-OVARC1000013//HS_2212_A2_G06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2212 Col=12 Row=M, genomic survey sequence.//0.14:212:63//AQ210584

R-OVARC1000014//Human DNA sequence from PAC 463A9, on chromosome Xq25 contains STS.//0.0053:356:62//Z80232

EP 1 074 617 A2

R-OVARC1000017

5 R-OVARC1000035//RPCI11-65E1.TJ RPCI11 Homo sapiens genomic clone R-65E1,
genomic survey sequence.//3.3e-05:236:63//AQ237194

10 R-OVARC1000058//Homo sapiens DNA sequence from BAC 390C10 on chromosome
22q11.21-12.1. Contains an Immunoglobulin LIKE gene and a pseudogene similar to Beta
Crystallin. Contains ESTs, STSs, GSSs and taga and tat repeat polymorphisms, complete
sequence.//2.7e-48:325:82//AL008721

15 R-OVARC1000060//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
27K12, WORKING DRAFT SEQUENCE.//5.0e-21:297:70//AL033397

20 R-OVARC1000068//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.00038:
553:58//X95276

25 R-OVARC1000071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
596C15, WORKING DRAFT SEQUENCE.//5.1e-110:599:93//AL031387

R-OVARC1000085//DNA encoding component HC5 of human proteasome.//2.7e-65:366:
92//E03413

30 R-nnnnnnnnnnnn//CIT-HSP-2172N17.TF CIT-HSP Homo sapiens genomic clone 2172N17,
genomic survey sequence.//0.80:285:59//B94391

R-OVARC1000091

35 R-OVARC1000092//CIT-HSP-2373J20.TR CIT-HSP Homo sapiens genomic clone 2373J20,
genomic survey sequence.//1.4e-17:141:85//AQ111520

40 R-OVARC 1000106

R-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA,
complete cds.//2.6e-100:495:97//AF069250

45 R-OVARC1000114//Homo sapiens partial XPGC gene, exon 2.//9.5e-49:392:80//X71342

50 R-OVARC1000133//Human Chromosome 16 BAC clone CIT987SK-A-362G6, complete
sequence.//0.00020:243:65//U95740

R-OVARC1000145//Homo sapiens chromosome 10 clone CIT987SK-1010K1 map 10q25,
complete sequence.//1.8e-16:370:67//AC005385

55 R-OVARC1000148//CIT-HSP-2386P14.TF.1 CIT-HSP Homo sapiens genomic clone
2386P14, genomic survey sequence.//1.1e-05:55:98//AQ240492

EP 1 074 617 A2

- R-OVARC1000151//M.musculus GEG-154 mRNA.//9.8e-21:192:81//X71642
- 5 R-OVARC1000168//CIT-HSP-2336F6.TR CIT-HSP Homo sapiens genomic clone 2336F6,
genomic survey sequence.//0.050:176:62//AQ042932
- 10 R-OVARC1000191//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic
sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.7e-08:534:58//AC005506
- 15 R-OVARC1000198//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4,
BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered
pieces.//5.2e-111:556:96//AC004604
- 20 R-OVARC1000209//Blacus sp. 16S ribosomal RNA gene, partial sequence.//0.55:165:
67//AF003501
- R-OVARC1000212//Mouse DNA for beta-casein.//0.56:225:63//X13484
- 25 R-OVARC1000240//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete
sequence.//6.2e-38:193:82//AC005670
- 30 R-OVARC1000241//Mus musculus hypoxia inducible factor three alpha mRNA, complete
cds.//1.1e-25:312:73//AF060194
- R-OVARC1000288//Human HepG2 3' region Mbol cDNA, clone hmd1d01m3.//5.4e-07:128:
70//D17131
- 35 R-OVARC1000302//Homo sapiens chromosome 17, clone hRPK.651_L_9, complete
sequence.//1.7e-10:100:88//AC005971
- 40 R-OVARC1000304//Mouse mRNA from Mov10 locus.//7.9e-66:379:81//X52574
- R-OVARC 1000309
- 45 R-OVARC1000321//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12
unordered pieces.//6.5e-83:453:94//AC005236
- 50 R-OVARC1000326//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA,
complete cds.//5.0e-58:455:81//U19614
- 55 R-OVARC1000335//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4,
BAC clone C0483I23; HTGS phase 1, WORKING DRAFT SEQUENCE, 7 unordered
pieces.//0.034:429:60//AC005690
- R-OVARC1000347//Mus musculus HRS gene, complete cds.//4.6e-06:339:61//AF020308

EP 1 074 617 A2

R-OVARC1000384//D.discoideum glycoprotein 24 A and B (GP24A and GP24B) genes, complete cds.//0.48:296:62//M27588

5 R-OVARC1000408//Homo sapiens DNA from chromosome 19-cosmid R27740 containing MEF2B and RSRFR2 genes, genomic sequence.//9.4e-39:286:87//AD000812

10 R-OVARC1000411//CIT-HSP-2303H10.TF CIT-HSP Homo sapiens genomic clone 2303H10, genomic survey sequence.//1.5e-07:94:84//AQ016720

15 R-OVARC1000414//Homo sapiens genomic DNA, 21q region, clone: 149C3X10, genomic survey sequence.//1.8e-32:296:75//AG002388

R-OVARC1000420//Homo sapiens clone DJ1137M13, complete sequence.//2.0e-48:354:77//AC005378

20 R-OVARC1000427//D.discoideum vegetative specific gene V18 gene for ribosomal protein.//2.5e-09:370:59//X15382

25 R-OVARC1000431//HS_2199_A2_E02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2199 Col=4 Row=I, genomic survey sequence.//1.3e-34:186:98//AQ093722

30 R-OVARC1000437//Gallus gallus tensin mRNA, 3' end.//1.3e-15:160:80//L06662

R-OVARC1000440//Homo sapiens BAC clone NH0538D15 from 7q11.23-q21.1, complete sequence.//0.0054:337:61//AC006043

35 R-OVARC1000442//CIT-HSP-2335L20.TR CIT-HSP Homo sapiens genomic clone 2335L20, genomic survey sequence.//1.0e-45:322:86//AQ037381

40 R-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds.//1.1e-77:418:94//AB014583

45 R-OVARC1000461//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING DRAFT SEQUENCE.//0.62:333:59//AL034417

R-OVARC1000465//Bos taurus guanine nucleotide-exchange protein (ARF-GEP1) mRNA, complete cds.//1.1e-81:489:91//AF023451

50 R-OVARC1000466//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//0.0088:98:72//AC004526

55 R-OVARC1000473//Homo sapiens full-length insert cDNA clone YI53C10.//3.2e-92:317:100//AF085851

R-OVARC1000479//Rattus norvegicus mRNA for TIP120, complete cds.//2.7e-70:502:

EP 1 074 617 A2

84//D87671

5 R-OVARC1000486//Dictyostelium discoideum FusC (fusC) gene, partial cds.//0.52:411:58//AF019984

R-OVARC1000496

10 R-OVARC1000520//Homo sapiens PAC clone DJ412A9 from 22, complete sequence.//3.8e-17:294:71//AC005005

15 R-OVARC1000526//Homo sapiens clone GS438P06, WORKING DRAFT SEQUENCE, 17 unordered pieces.//4.5e-109:547:96//AC005024

20 R-OVARC1000533//Homo sapiens chromosome 19, cosmid R30385, complete sequence.//3.0e-46:264:93//AC004510

R-OVARC1000543//Caenorhabditis elegans cosmid F10C1.//0.00063:417:59//U49831

25 R-OVARC1000556//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//1.5e-39:144:92//AL022069

30 R-OVARC1000557//Homo sapiens chromosome 19, cosmid R32469, complete sequence.//1.5e-81:429:96//AC005197

35 R-OVARC1000564//Homo sapiens chromosome 17, clone HRPC837J1, complete sequence.//0.83:301:58//AC004223

40 R-OVARC1000573//Homo sapiens Xq28 genomic DNA in the region of the ALD locus containing the genes for creatine transporter (SLC6A8), CDM, adrenoleukodystrophy (ALD), Na⁺-isocitrate dehydrogenase gamma subunit (IDH), and translocon-associated protein delta (TRAP) genes, complete cds, plexin related protein (PLEXR) and serine kinase (SK) genes, partial cds, Xq28lu1 gene and cytochrome C (CCp) pseudogene.//2.4e-44:300:88//U52111

45 R-OVARC1000578//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//6.4e-48:436:78//AF001549

50 R-OVARC1000588//Homo sapiens chromosome 19, cosmid F19847, complete sequence.//2.7e-32:313:78//AC005952

R-OVARC 1000605

55 R-OVARC1000622//Homo sapiens PAC clone DJ0942I16 from 7q11, complete sequence.//6.2e-43:328:83//AC006012

EP 1 074 617 A2

- 5 R-OVARC1000640//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.9e-47:514:73//AC005840
- R-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds.//1.6e-29:162:100//AB011162.
- 10 R-OVARC1000678//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.50:270:60//AC005140
- R-nnnnnnnnnnn//Rattus norvegicus mRNA for myosin-RhoGAP protein Myr 7.//1.4e-83:549:86//AJ001713
- 15 R-OVARC1000681//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 257E24, WORKING DRAFT SEQUENCE.//3.2e-13:160:76//AL034424
- 20 R-OVARC1000689//Schistocerca americana Antennapedia homeotic protein (Antp) mRNA, complete cds.//0.90:230:61//U32943
- 25 R-OVARC1000700//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//5.1e-15:133:85//AC005754
- R-OVARC1000703//Homo sapiens chromosome 22, clone hRPC.130_H_16, complete sequence.//6.9e-48:525:73//AC005585
- 30 R-OVARC1000730//HS_3018_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=19 Row=P, genomic survey sequence.//0.00019:198:63//AQ093513
- 35 R-OVARC1000746//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.98:154:65//X95276
- 40 R-OVARC1000769//Human coagulation factor XI gene, intron 2, partial, clone pTZ18R.//2.0e-30:187:78//M21185
- 45 R-OVARC1000771
- R-OVARC1000781//Sequence 5 from Patent WO9722695.//8.4e-47:401:77//A63552
- 50 R-OVARC1000787//Homo sapiens PAC clone DJ430N08 from 22q12.1-qter, complete sequence.//7.8e-111:567:96//AC004542
- R-OVARC1000800//Homo sapiens mitochondrial HSP75 mRNA, complete cds.//1.3e-17:119:95//L15189
- 55 R-OVARC1000802//Homo sapiens chromosome 5, BAC clone 120c13 (LBNL H171),

EP 1 074 617 A2

complete sequence.//2.3e-51:482:78//AC005574

- 5 R-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC.//3.6e-105:536:95//Y1771
- 10 R-OVARC1000846//Homo sapiens chromosome 16, cosmid clone 390H2 (LANL), complete sequence.//2.7e-107:538:96//AC004494
- R-OVARC1000850//Homo sapiens PB39 mRNA, complete cds.//3.6e-114:579:96//AF045584
- 15 R-OVARC1000862//M.musculus F1f mRNA.//2.3e-20:346:73//X71978
- R-OVARC1000876//Plasmodium falciparum chromosome 2, section 53 of 73 of the complete sequence.//9.1e-08:427:58//AE001416
- 20 R-OVARC1000883//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//5.6e-34:357:78//U20086
- 25 R-OVARC1000885//Lycopersicon esculentum alcohol dehydrogenase homolog (GAD3) mRNA, partial cds.//0.47:305:60//U21801
- R-OVARC 1000886
- 30 R-OVARC1000891//HS_3082_A2_F04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3082 Col=8 Row=K, genomic survey sequence.//1.1e-16:187:79//AQ122500
- 35 R-OVARC1000897//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//7.2e-07:476:60//AL020989
- 40 R-OVARC1000912
- R-OVARC1000915//Homo sapiens chromosome 17, clone hRPC.971_F_3, WORKING DRAFT SEQUENCE, 1 ordered pieces.//5.4e-70:509:86//AC004150
- 45 R-OVARC1000924//Homo sapiens Chromosome 22q11.2 Cosmid Clone cosk In NF1 Region, complete sequence.//1.6e-77:465:90//AC002471
- 50 R-OVARC1000936//HS_2195_A2_C12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2195 Col=24 Row=E, genomic survey sequence.//2.4e-76:463:90//AQ191108
- 55 R-OVARC1000937//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING DRAFT SEQUENCE.//0.0028:161:65//Z99716

EP 1 074 617 A2

R-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//3.5e-62:526:78//AB005549

5 R-OVARC1000948//Hypera postica NADH dehydrogenase subunit 1 (ND1) gene, partial cds, tRNA-Leu gene, complete sequence, and 16S ribosomal gene, partial sequence, mitochondrial genes encoding mitochondrial products.//0.018:212:61//U61169

10 R-OVARC1000959//CIT-HSP-2371K16.TR CIT-HSP Homo sapiens genomic clone 2371K16, genomic survey sequence.//1.1e-45:303:87//AQ111323

15 R-OVARC1000960//Homo sapiens BAC clone GS293C05 from 7q21-q22, complete sequence.//7.5e-44:353:81//AC005021

20 R-OVARC1000971//H.sapiens DNA for repeat unit locus D18S51(285 bp).//2.2e-07:223:70//X91255

R-OVARC1000984

25 R-OVARC1000996//Human DNA sequence from clone 272L16 on chromosome 1q32.1-32.3. Contains the 3' end of the LAMB3 gene for Laminin, Beta 3 (Nicein, Kalinin, BM600) and a novel Rat Ca²⁺/Calmodulin dependent Protein Kinase LIKE gene. Contains ESTs, STSs, GSSs, genomic marker D1S491 and a ca repeat polymorphism, complete sequence.//1.3e-06:179:70//AL023754

30 R-OVARC1000999//Homo sapiens chromosome 17, clone hCIT.457_L_16, complete sequence.//5.8e-71:332:87//AC003957

35 R-OVARC1001000//HS_3032_B1_G11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3032 Col=21 Row=N, genomic survey sequence.//5.1e-51:257:99//AQ096695

40 R-OVARC1001004//Homo sapiens from UWGC:y18c282 from 6p21, complete sequence.//5.6e-92:473:96//AC004190

45 R-OVARC1001010//RPCI11-10P1.TV RPCI-11 Homo sapiens genomic clone RPCI-11-10P1, genomic survey sequence.//4.1e-05:201:65//B71813

50 R-OVARC1001011//Homo sapiens clone DJ1021I20, WORKING DRAFT SEQUENCE, 6 unordered pieces.//7.9e-18:219:69//AC005520

R-OVARC1001032//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//2.7e-89:464:86//AL022345

55 R-OVARC1001034//Homo sapiens chromosome 20, BAC clone 99 (LBNL H80), complete sequence.//1.4e-18:451:64//AC005220

EP 1 074 617 A2

5 R-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds.//1.3e-99:501:96//AF099149
 R-OVARC1001040//Homo sapiens chromosome 17, clone hRPK.1096_G_20, complete sequence.//9.7e-17:180:78//AC005410
 10 R-OVARC1001044
 R-OVARC1001051//H.sapiens mRNA for homologue to yeast ribosomal protein L41.//3.7e-15:124:88//Z12962
 15 R-OVARC1001055//Homo sapiens, clone hRPK.15_A_1, complete sequence.//2.0e-30:292:76//AC006213
 20 R-OVARC1001062//Sequence 65 from patent US 5691147.//2.6e-54:312:92//I76237
 R-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds.//2.3e-95:463:98//AF082657
 25 R-OVARC1001072//Gallus gallus chicken brain factor-2 (CBF-2) mRNA, complete cds.//0.92:272:59//U47276
 30 R-OVARC1001074//HS_2205_A1_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2205 Col=13 Row=G, genomic survey sequence.//1.3e-35:205:94//AQ184530
 35 R-OVARC1001085
 R-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin)).//4.5e-95:325:98//AJ005897
 40 R-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds.//1.0e-73:386:95//AF051782
 45 R-OVARC1001117//Homo sapiens chromosome 7 clone UWGC:g3586a160 from 7p14-15, complete sequence.//6.1e-37:314:81//AC005272
 50 R-OVARC1001118//Homo sapiens chromosome 5, P1 clone 1195e2 (LBNL H73), complete sequence.//1.5e-44:390:77//AC005372
 55 R-OVARC1001129//Rickettsia prowazekii strain Madrid E, complete genome; segment 1/4.//0.81:461:57//AJ235270
 R-OVARC1001161//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone

EP 1 074 617 A2

850H21, WORKING DRAFT SEQUENCE.//4.6e-08:342:64//AL031680

- 5 R-OVARC1001162//CIT-HSP-2171J2.TR CIT-HSP Homo sapiens genomic clone 2171J2,
genomic survey sequence.//5.9e-48:347:85//B89781
- 10 R-OVARC1001167//Homo sapiens clone DJ1102A12, WORKING DRAFT SEQUENCE, 15
unordered pieces.//1.3e-28:427:70//AC004963
- 15 R-OVARC1001169//RPCI11-36P6.TV RPCI-11 Homo sapiens genomic clone RPCI-11-36P6,
genomic survey sequence.//0.56:113:72//AQ045859
- 20 R-OVARC1001170//Homo sapiens Xp22 BAC GS-377014 (Genome Systems Human BAC
library) complete sequence.//8.8e-39:301:85//AC002549
- 25 R-OVARC1001173//Human clone HS2.30 Alu-Ya5 sequence.//2.4e-35:183:83//U67213
- 30 R-OVARC1001180//Homo sapiens 12q24.1 NOVECTOR P443K8 () complete
sequence.//9.1e-41:516:72//AC005907
- 35 R-OVARC1001188//Homo sapiens Chromosome 11p14.3 PAC clone pDJ1034g4, complete
sequence.//1.2e-14:134:85//AC004796
- 40 R-OVARC1001200//ALS=85 kda insulin-like growth factor binding protein-3 complex acid-
labile subunit [baboons, liver, mRNA Partial, 1818 nt].//0.12:345:60//S83462
- 45 R-OVARC1001232//Bovine tyrosine hydroxylase mRNA, complete cds.//0.66:257:59//M36794
- 50 R-OVARC1001240//Homo sapiens chromosome 17, clone hCIT.124_H_2, complete
sequence.//1.4e-41:284:87//AC006071
- 55 R-OVARC1001243//HS_2055_B2_C01_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2055 Col=2 Row=F, genomic survey sequence.//0.59:
83:75//AQ243142
- R-OVARC1001261//Crocodylus porosus mRNA for transthyretin.//0.93:121:66//AJ223148
- R-OVARC1001268
- R-OVARC1001270//Plasmodium falciparum MAL3P6, complete sequence.//0.0031:295:
62//Z98551
- R-OVARC1001271//Homo sapiens chromosome 16, cosmid clone 390H2 (LANL), complete
sequence.//1.6e-107:544:97//AC004494
- R-OVARC1001282//Homo sapiens Xp22-39-47 PAC RPCI1-199J3 (Roswell Park Cancer
Institute Human PAC Library) complete sequence.//0.025:402:59//AC006062

EP 1 074 617 A2

5 R-OVARC1001296//Homo sapiens echinoderm microtubule-associated protein homolog
HuEMAP mRNA, complete cds.//1.1e-05:319:62//U97018

R-nnnnnnnnnnnn//Sequence 13 from patent US 5624818.//5.4e-85:577:84//41142

10 R-OVARC1001329//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
30G7, WORKING DRAFT SEQUENCE.//4.2e-71:282:88//AL034402

R-OVARC1001330//Homo sapiens PAC clone DJ0697H17 from 7q11.23-q21.1, complete
15 sequence.//0.19:256:59//AC004862

R-OVARC1001339//Homo sapiens 12q13 PAC RPC11-316M24 (Roswell Park Cancer
Institute Human PAC library) complete sequence.//2.5e-49:366:83//AC004242

20 R-OVARC1001341//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
695O20, WORKING DRAFT SEQUENCE.//4.8e-26:447:69//AL032818

R-OVARC1001342//Homo sapiens chromosome 10 clone CIT987SK-1175G20 map
25 10q25.2-10q25.3, complete sequence.//5.5e-86:569:86//AC005874

R-OVARC1001344//Homo sapiens chromosome 5, BAC clone 261j17 (LBNL H190),
complete sequence.//2.8e-46:424:78//AC005350

30 R-OVARC1001357//Sequence 1 from patent US 5597707.//3.0e-42:250:93//34297

R-OVARC1001360//Homo sapiens chromosome 17, clone hRPK.786_O_4, complete
35 sequence.//0.20:335:60//AC005863

R-OVARC 1001369

40 R-OVARC1001372//S.scrofa DNA for myogenin 3'flanking region (285 bp).//6.9e-29:249:
83//X89210

R-OVARC1001376//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete
45 sequence.//2.1e-50:491:73//AC004491

R-OVARC1001381//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete
sequence.//9.3e-20:422:60//AC005821

50 R-OVARC1001391

R-nnnnnnnnnnnn

55 R-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds.//9.9e-110:561:95//AB00665

EP 1 074 617 A2

R-OVARC1001419//CIT-HSP-2362F16.TR CIT-HSP Homo sapiens genomic clone 2362F16, genomic survey sequence.//7.6e-47:242:98//AQ074668

5 R-OVARC1001425//Homo sapiens PAC clone DJ1108A12 from 14q24.3, complete sequence.//2.3e-20:211:66//AC005157

10 R-OVARC1001436//Human DNA flanking 3' end of transposon L1.1.//0.18:148:66//M80341

R-OVARC1001442

15 R-OVARC1001453//Human PAC clone DJ525N14 from Xq23, complete sequence.//2.3e-19:181:81//AC002086

20 R-OVARC1001476//CITBI-E1-2517B6.TR CITBI-E1 Homo sapiens genomic clone 2517B6, genomic survey sequence.//0.24:308:59//AQ278655

R-OVARC1001480//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 753D4, WORKING DRAFT SEQUENCE.//0.99:294:62//AL031676

25 R-OVARC1001489//E.caballus microsatellite DNA marker (clone ASB32).//0.87:81:71//X93546

30 R-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//9.3e-116:585:96//AF016507

35 R-OVARC1001506//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-13F4 @complete genomic sequence, complete sequence.//2.6e-40:285:86//AC002039

R-OVARC1001525//Homo sapiens clone NH0215P16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0:320:59//AC006036

40 R-OVARC1001542//Homo sapiens hJTB mRNA, complete cds.//5.0e-110:566:95//AB016488

R-OVARC1001547

45 R-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//5.9e-33:216:92//AF031165

50 R-OVARC1001600//Human Chromosome X, complete sequence.//3.0e-22:157:89//AC002418

55 R-OVARC1001610//HS_3070_A2_A06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3070 Col=12 Row=A, genomic survey sequence.//0.47:107:66//AQ103523

R-OVARC1001611//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone

EP 1 074 617 A2

1185N5, WORKING DRAFT SEQUENCE.//0.17:236:63//AL034423

5 R-OVARC1001615//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
310O13, WORKING DRAFT SEQUENCE.//1.3e-19:248:70//AL031658

10 R-OVARC1001668//HS_3228_A2_E12_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3228 Col=24 Row=I, genomic survey sequence.//4.6e-
13:156:76//AQ188379

15 R-OVARC1001702//CITBI-E1-2501P16.TR.1 CITBI-E1 Homo sapiens genomic clone
2501P16, genomic survey sequence.//1.6e-41:217:99//AQ241965

R-OVARC1001703

20 R-OVARC1001711//CITBI-E1-2502N10.TF CITBI-E1 Homo sapiens genomic clone 2502N10,
genomic survey sequence.//2.0e-14:220:72//AQ266194

25 R-OVARC1001726//CIT-HSP-2320O1.TF CIT-HSP Homo sapiens genomic clone 2320O1,
genomic survey sequence.//0.021:170:62//AQ038145

R-OVARC1001731//Human mRNA for fibroblast tropomyosin TM30 (pl).//2.5e-72:422:
90//X05276

30 R-OVARC1001745//Human DNA sequence from clone 796I11 on chromosome 20q12.
Contains ESTs, an STS and GSSs, complete sequence.//7.6e-44:314:84//AL031257

35 R-nnnnnnnnnnnn//S.cerevisiae N-acetyltransferase (AAA1) mRNA, complete cds.//1.6e-08:
396:60//M23166

40 R-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit
mRNA, complete cds.//3.5e-108:567:94//U97670

R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0675 protein, complete cds.//6.3e-108:529:
97//AB014575

45 R-OVARC1001768//Caenorhabditis elegans cosmid Y57G11A, complete sequence.//0.24:
205:64//Z99279

50 R-OVARC1001791//Homo sapiens BAC clone RG118P15 from 8q21, complete
sequence.//4.6e-58:558:76//AC005066

R-OVARC1001795

55 R-OVARC1001802//Human HLA class III region containing cAMP response element binding
protein-related protein (CREB-RP) and tenascin X (tenascin-X) genes, complete cds,
complete sequence.//1.1e-37:346:78//U89337

EP 1 074 617 A2

- 5 R-OVARC1001805//Human DNA sequence from clone 511E16 on chromosome 6p24.3-25.1. Contains the last coding exon of the gene for P18 component of aminoacyl-tRNA synthetase complex, part of an unknown gene downstream of a putative CpG island, and an STS with a CA repeat polymorphism, complete sequence.//3.0e-112:581:95//AL023694
- 10 R-OVARC1001812//Human DNA sequence from clone 227L5 on chromosome Xp11.22-11.3. Contains a Keratin, Type 1 Cytoskeletal 18 (KRT18, CYK18, K18, CK18) pseudogene and an STS, complete sequence.//6.6e-41:345:81//AL031585
- 15 R-OVARC1001813//CITBI-E1-2508J18.TR CITBI-E1 Homo sapiens genomic clone 2508J18, genomic survey sequence.//1.6e-72:386:95//AQ263046
- 20 R-OVARC1001820//Human PAC clone DJ525N14 from Xq23, complete sequence.//4.8e-41:320:83//AC002086
- 25 R-OVARC1001828//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//3.4e-08:527:58//AC004688
- 30 R-OVARC1001846//CIT-HSP-2014F15.TR CIT-HSP Homo sapiens genomic clone 2014F15, genomic survey sequence.//0.0045:165:67//B58905
- 35 R-OVARC1001861//M.musculus mRNA for pMEM2 protein.//9.5e-28:405:68//X95350
- 40 R-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence.//5.9e-104:571:91//AF070611
- 45 R-OVARC1001879//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3. Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//9.1e-20:206:80//AL031864
- 50 R-OVARC1001880//RPCI11-42I15.TJ RPCI11 Homo sapiens genomic clone R-42I15, genomic survey sequence.//3.9e-50:287:88//AQ052700
- 55 R-OVARC1001883//Homo sapiens chromosome 17, clone hCIT.123_J_14, complete sequence.//6.1e-13:457:63//AC003950
- R-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//2.5e-86:346:90//AF061749
- R-OVARC1001901//Homo sapiens testis specific methyl-CpG binding protein MBD2 (MBD2) mRNA, partial cds.//7.2e-89:421:100//AF072246
- R-OVARC1001911//Homo sapiens full-length insert cDNA clone ZD52F10.//8.2e-106:510:98//AF086315

EP 1 074 617 A2

R-OVARC1001916

R-OVARC1001928

5

R-OVARC1001942//*S.cerevisiae* N-acetyltransferase (AAA1) mRNA, complete cds.//0.0013:231:63//M23166

10

R-OVARC1001943//Human immunodeficiency virus type 1, strain FRMP329, envelope glycoprotein V3 region (env) gene, partial cds.//0.14:173:64//U58826

15

R-OVARC1001949//Human zinc finger protein 20 (ZNF20) pentanucleotide repeat polymorphism.//1.3e-09:306:63//M99593

20

R-OVARC1001950//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//8.2e-38:385:75//AC005666

R-OVARC1001987

25

R-OVARC1001989//*Caenorhabditis elegans* DNA *** SEQUENCING IN PROGRESS *** from clone Y57G11, WORKING DRAFT SEQUENCE.//6.3e-08:355:60//Z92841

30

R-OVARC1002044//Human DNA sequence from clone 681J21 on chromosome 1q23.2-24.3 Contains CpG island, complete sequence.//5.0e-42:298:86//AL031286

R-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds.//1.4e-107:542:96//AB007934

35

R-OVARC1002066//*Arabidopsis thaliana* chromosome II BAC F14M4 genomic sequence, complete sequence.//0.23:210:61//AC004411

40

R-OVARC1002082//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//5.4e-99:546:92//AC006015

45

R-OVARC1002107//Human DNA sequence from PAC 417G15 on chromosome Xq25-Xq26. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2), pseudogene, ESTs.//4.4e-34:375:74//AL009174

R-OVARC1002127

50

R-OVARC1002138//CIT-HSP-2290O18.TF CIT-HSP Homo sapiens genomic clone 2290O18, genomic survey sequence.//2.4e-07:316:62//AQ003988

55

R-OVARC1002143//RPCI11-54M8.TJ RPCI11 Homo sapiens genomic clone R-54M8, genomic survey sequence.//2.3e-35:220:90//AQ083241

R-OVARC1002156

EP 1 074 617 A2

- 5 R-OVARC1002158//CITBI-E1-2514D4.TF CITBI-E1 Homo sapiens genomic clone 2514D4,
genomic survey sequence.//1.6e-12:140:79//AQ265720
- 10 R-OVARC1002165//CIT-HSP-2307C9.TF CIT-HSP Homo sapiens genomic clone 2307C9,
genomic survey sequence.//5.0e-59:291:99//AQ020420
- 15 R-PLACE1000004//D.discoideum gene for protein kinase.//0.00081:263:59//Z37981
- R-PLACE1000005//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic
sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.0082:477:58//AC005507
- 20 R-PLACE1000007//Homo sapiens clone 24422 mRNA sequence.//1.2e-14:100:
97//AF070557
- 25 R-PLACE1000014//Homo sapiens genomic DNA, chromosome 21q22.2, p1 clone: T1212
and T1601, WORKING DRAFT SEQUENCE.//2.8e-44:405:77//D83253
- 30 R-PLACE1000031//Homo sapiens clone UWGC:y23c049 from 6p21, complete
sequence.//1.8e-24:291:73//AC006162
- R-PLACE1000040//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from
clone Y105C5, WORKING DRAFT SEQUENCE.//0.00039:289:61//Z98855
- 35 R-PLACE1000048//Human BAC clone RG210I04, complete sequence.//4.7e-83:518:
89//AC002462
- 40 R-PLACE1000050//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic
sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.98:73:76//AC005505
- 45 R-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//5.9e-21:125:
98//L22154
- R-PLACE1000066
- 50 R-PLACE1000078//Homo sapiens chromosome 11 clone CIT987SK-1012F4, WORKING
DRAFT SEQUENCE, 6 unordered pieces.//1.2e-87:456:95//AC005848
- R-PLACE1000081
- 55 R-PLACE1000094//RPCI11-91K6.TV RPCI11 Homo sapiens genomic clone R-91K6,
genomic survey sequence.//2.3e-83:409:98//AQ282619

EP 1 074 617 A2

R-PLACE1000133//Homo sapiens chromosome 17, clone hRPK.746_E_8, complete sequence.//1.8e-06:420:57//AC005358

5 R-PLACE1000142

R-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds.//1.3e-112:594:94//AF058291

10

R-PLACE1000185

15 R-PLACE1000213//CIT-HSP-2308A18.TR CIT-HSP Homo sapiens genomic clone 2308A18, genomic survey sequence.//8.2e-80:410:97//AQ022149

R-PLACE1000214//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-09, complete sequence.//1.6e-05:548:59//AL008989

20

R-PLACE1000236//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 695O20, WORKING DRAFT SEQUENCE.//2.2e-16:118:91//AL032818

25 R-PLACE1000246//X.laevis mRNA for XLCL2 protein.//6.5e-13:66:95//Z14122

R-PLACE1000292//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 111B22, WORKING DRAFT SEQUENCE.//6.6e-41:322:84//Z98200

30

R-PLACE1000332//Homo sapiens chromosome 17, clone hCIT.281_F_24, complete sequence.//1.8e-16:598:62//AC004706

35 R-PLACE1000347//Homo sapiens PAC clone DJ1090P18 from 7q21-q22, complete sequence.//2.3e-11:237:69//AC005326

40 R-PLACE1000374//Arabidopsis thaliana chromosome 1 BAC F15K9 sequence, complete sequence.//8.7e-09:492:58//AC005278

R-PLACE1000380//Plasmodium falciparum chromosome 2, section 1 of 73 of the complete sequence.//0.59:354:59//AE001364

45

R-PLACE1000383//Mus musculus myotubularin related protein 1 (Mtmr1) mRNA, complete cds.//0.55:65:84//AF073997

50 R-PLACE1000401//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.6e-17:152:83//AC005015

55 R-PLACE1000406//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K21H1, complete sequence.//0.51:346:58//AB020742

R-PLACE1000420//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome

EP 1 074 617 A2

region), segment 2/15, WORKING DRAFT SEQUENCE.//1.5e-25:243:79//AP000009

5 R-PLACE1000421//HS_2251_B2_G12_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2251 Col=24 Row=N, genomic survey sequence.//1.4e-
82:430:95//AQ192807

10 R-PLACE1000424//Human PAC clone DJ515N1 from 22q11.2-q22, complete
sequence.//1.8e-36:483:71//AC002073

15 R-PLACE1000435//Homo sapiens chromosome 21q22.2 cosmid clone Q71A3, complete
sequence.//2.6e-37:371:76//AF015724

R-PLACE1000444//Homo sapiens chromosome 17, clone hRPK.227_G_15, complete
sequence.//1.0e-54:429:81//AC005899

20 R-PLACE1000453//Murine genomic DNA; partially digested Sau3A fragment, cloned into
cosmid vector pEMBLcos2, complete sequence.//0.66:103:72//AF059580

25 R-PLACE1000481//Human DNA sequence from clone 960O17 on chromosome Xp11.21-
11.22 Contains EST, CA repeat(DXS991), STS, GSS, complete sequence.//0.019:171:
66//AL022166

30 R-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete
cds.//3.2e-17:221:72//U35245

35 R-PLACE1000540//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic
sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.00045:480:60//AC005308

R-PLACE1000547//Homo sapiens chromosome 19, cosmid F17987, complete
sequence.//9.6e-32:231:85//AC004790

40 R-PLACE1000562//, complete sequence.//1.8e-45:280:92//AC005409

45 R-PLACE1000564//Human chromosome 16 creatine transporter (SLC6A8) and (CDM)
paralogous genes, complete cds.//0.0079:180:65//U41302

R-PLACE1000583//Homo sapiens chromosome 17, clone hRPK.799_N_11, complete
sequence.//1.5e-37:414:74//AC005323

50 R-nnnnnnnnnnn//Human guanylate binding protein isoform I (GBP-2) mRNA, complete
cds.//1.9e-77:542:82//M55542

55 R-PLACE1000596//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic
sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.00019:482:59//AC005506

R-PLACE1000599//Human germline T-cell receptor beta chain Dopamine-beta-hydroxylase-

EP 1 074 617 A2

- like, TRY1, TRY2, TRY3, TCRBV27S1P, TCRBV22S1A2N1T, TCRBV9S1A1T, TCRBV7S1A1N2T, TCRBV5S1A1T, TCRBV13S3, TCRBV6S7P, TCRBV7S3A2T, TCRBV13S2A1T, TCRBV9S2A2PT, TCRBV7S2A1N4T, TCRBV13S9/13S2A1T, TCRBV6S5A1N1, TCRBV30S1P, TCRBV31S1, TCRBV13S5, TCRBV6S1A1N1, TCRBV32S1P, TCRBV5S5P, TCRBV1S1A1N1, TCRBV12S2A1T, TCRBV21S1, TCRBV8S4P, TCRBV12S3, TCRBV21S3A2N2T, TCRBV8S5P, TCRBV13S1 genes from bases 1 to 267156 (section 1 of 3).//5.6e-51:369:85//U66059
- R-PLACE1000610//HS_3071_A1_C05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3071 Col=9 Row=E, genomic survey sequence.//0.051:147:65//AQ103341
- R-PLACE1000636//HS_3220_B2_E09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3220 Col=18 Row=J, genomic survey sequence.//0.010:253:64//AQ181157
- R-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//1.6e-99:506:96//AF102265
- R-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin)).//4.5e-101:559:92//AJ005896
- R-PLACE1000706//nuclear protein TIF1 [mice, mRNA, 3951 nt].//9.1e-10:331:63//S78219
- R-PLACE1000712//Homo sapiens full-length insert cDNA clone ZD76G10.//1.0e-69:345:98//AF086408
- R-PLACE1000716//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//1.0:174:62//AC002300
- R-PLACE1000748//Plasmodium falciparum MAL3P3, complete sequence.//1.0e-06:337:60//Z98547
- R-PLACE1000749//cSRL-15g9-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-15g9, genomic survey sequence.//8.8e-26:236:80//B02791
- R-PLACE1000755//HS_2183_B1_H11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=21 Row=P, genomic survey sequence.//0.47:151:65//AQ064202
- R-PLACE1000769//Homo sapiens clone DJ0647J21, WORKING DRAFT SEQUENCE, 10 unordered pieces.//7.0e-38:492:74//AC004847
- R-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds.//2.6e-101:513:96//AB014548

EP 1 074 617 A2

R-PLACE1000786//Human putative outer mitochondrial membrane 34 kDa translocase hTOM34 mRNA, complete cds.//0.078:180:68//U58970

5 R-nnnnnnnnnnnnn

R-PLACE1000798//Homo sapiens cosmid D66B10, chromosome 21 5' of IFNAR1.//5.1e-26:348:72//AF039904

10

R-PLACE1000841//Human guanine nucleotide regulatory protein (NET1) mRNA, complete cds.//1.4e-26:110:95//U02081

15

R-nnnnnnnnnnnnn//Homo sapiens full-length insert cDNA clone ZD55D10.//1.4e-13:93:96//AF086334

20

R-PLACE1000856//Anopheles quadrimaculatus NADH dehydrogenase subunits (1-4, 4L, 5-6); cytochrome oxidase subunits (1-3); adenosine triphosphatase subunits (6,8); cytochrome b; transfer RNA; ribosomal RNA (large and small subunits).//2.7e-09:484:59//L04272

25

R-PLACE1000863

30

R-PLACE1000909//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//3.0e-05:274:60//AC005505

35

R-PLACE1000931//RPCI11-66P7.TK RPCI11 Homo sapiens genomic clone R-66P7, genomic survey sequence.//3.4e-73:369:97//AQ237489

R-PLACE1000948//RPCI11-64K15.TK RPCI11 Homo sapiens genomic clone R-64K15, genomic survey sequence.//6.6e-06:258:62//AQ239337

40

R-PLACE1000972//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence.//8.3e-20:223:76//AC005553

45

R-PLACE1000977//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.00030:448:59//AC005506

R-PLACE1000979

50

R-PLACE1001000//CIT-HSP-2297I8.TF CIT-HSP Homo sapiens genomic clone 2297I8, genomic survey sequence.//7.0e-07:64:95//AQ004997

55

R-PLACE1001007//Human endothelial nitric oxide synthase gene, complete cds.//0.0078:215:64//D26607

R-PLACE1001010

EP 1 074 617 A2

- 5 R-PLACE1001015//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING DRAFT SEQUENCE.//1.5e-16:452:63//AL022318
- R-PLACE1001024//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 417M14, WORKING DRAFT SEQUENCE.//0.99:186:63//AL024498
- 10 R-PLACE1001036//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.5e-15:313:68//AC005377
- 15 R-PLACE1001062//Homo sapiens chromosome 17, clone hCIT54K19, complete sequence.//7.3e-16:119:84//AC003664
- R-PLACE1001076
- 20 R-PLACE1001088//Human DNA sequence from cosmid 203C2, between markers DXS6791 and DXS8038 on chromosome X contains ESTs.//0.97:332:59//Z74696
- 25 R-PLACE1001092//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//6.2e-07 :302:62//AC005139
- 30 R-PLACE1001104//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//0.057:280:60//AE001372
- 35 R-PLACE1001118//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5') two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and STSs, complete sequence.//4.9e-06:334:60//Z84480
- 40 R-PLACE1001136//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//1.1e-31:331:75//AC005412
- 45 R-PLACE1001168//HS_2036_A1_H04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2036 Col=7 Row=O, genomic survey sequence.//0.40:144:63//AQ230662
- R-PLACE1001171
- 50 R-PLACE1001185
- R-PLACE1001238//Human coxVlb gene, last exon and flanking sequence.//3.4e-36:349:76//X58139
- 55 R-PLACE1001241//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-20, complete sequence.//0.11:258:61//AL008972

EP 1 074 617 A2

R-PLACE1001257//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B4P3; HTGS phase 1, WORKING DRAFT SEQUENCE, 9 unordered pieces.//1.9e-46:484:73//AC000016

5

R-PLACE1001272//Homo sapiens chromosome 21q22.3 PAC 191P10, complete sequence.//0.89:119:65//AF045448

10

R-PLACE1001279//Caenorhabditis elegans cosmid Y39A1C, complete sequence.//0.99:95:69//AL023839

15

R-PLACE1001280//CIT-HSP-2328B24.TF CIT-HSP Homo sapiens genomic clone 2328B24, genomic survey sequence.//5.4e-24:147:76//AQ042129

R-PLACE1001294//M.musculus GEG-154 mRNA.//1.3e-22:472:65//X71642

20

R-PLACE1001304//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and R32804, complete sequence.//2.2e-22:139:77//AC003682

25

R-PLACE1001311//Loligo pealei repeat region.//0.84:232:64//Z18286

30

R-PLACE1001323//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5') two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and STSs, complete sequence.//7.2e-39:308:83//Z84480

35

R-PLACE1001351//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y39B6, WORKING DRAFT SEQUENCE.//0.0018:408:59//Z95399

R-PLACE1001366//Human Na⁺/phosphate co-transporter gene, exon 1, partial sequence.//2.2e-46:369:82//D89927

40

R-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds.//7.1e-80:431:93//AF009615

45

R-PLACE1001383//Homo sapiens clone 24538 mRNA sequence.//3.6e-35:192:97//AF055030

50

R-PLACE1001384//Homo sapiens mRNA for multi PDZ domain protein.//2.6e-86:456:94//AJ001319

R-PLACE1001387

55

R-PLACE1001395//Nyctalus leisleri mitochondrial D-loop, partial sequence.//0.054:148:68//U95355

R-PLACE1001399//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING

EP 1 074 617 A2

DRAFT SEQUENCE, 2 ordered pieces.//6.7e-70:352:98//AC005412

- 5 R-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence.//8.0e-44:242:95//AF091087
- 10 R-PLACE1001414//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//0.12:53:84//AC006241
- 15 R-PLACE1001440//Homo sapiens Xq28 genomic DNA in the region of the ALD locus containing the genes for creatine transporter (SLC6A8), CDM, adrenoleukodystrophy (ALD), Na⁺-isocitrate dehydrogenase gamma subunit (IDH), and translocon-associated protein delta (TRAP) genes, complete cds, plexin related protein (PLEXR) and serine kinase (SK) genes, partial cds, Xq281u1 gene and cytochrome C (CCp) pseudogene.//1.0:250:61//U52111
- 20 R-PLACE1001456//Borrelia burgdorferi (section 16 of 70) of the complete genome.//0.0077:173:62//AE001130
- 25 R-PLACE1001468//HS_3050_A2_D07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3050 Col=14 Row=G, genomic survey sequence.//0.00023:202:65//AQ133920
- 30 R-PLACE1001484//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//7.2e-17:180:80//AC002368
- 35 R-PLACE1001502//RPCI11-24F2.TP RPCI-11 Homo sapiens genomic clone RPCI-11-24F2, genomic survey sequence.//0.15:203:66//B84401
- 40 R-PLACE1001503//HS_2183_A1_B10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=19 Row=C, genomic survey sequence.//1.3e-38:181:82//AQ022613
- 45 R-PLACE1001517//Homo sapiens hGAA1 mRNA, complete cds.//6.4e-56:339:90//AB006969
- 50 R-PLACE1001534//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING DRAFT SEQUENCE.//8.6e-59:304:97//AL031667
- 55 R-PLACE1001545//Homo sapiens chromosome 3, clone hRPK.165_I_16, complete sequence.//2.6e-18:171:82//AC 005669
- R-PLACE1001551
- R-PLACE1001570//M.capricolum DNA for CONTIG MC188.//0.0043:305:57//Z33135
- R-PLACE1001602//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//2.5e-82:408:

EP 1 074 617 A2

98//AB020860

5 R-PLACE1001603//Homo sapiens KE05 protein mRNA, complete cds.//1.5e-40:295:84//AF064605

10 R-PLACE1001610//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.5e-39:307:82//AC005037

R-PLACE1001611//Homo sapiens histone macroH2A1.2 mRNA, complete cds.//4.9e-41:217:97//AF054174

15 R-PLACE1001632//Human DNA binding protein (HPF2) mRNA, complete cds.//1.4e-08:178:65//M27878

20 R-PLACE1001634//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone H06C16, WORKING DRAFT SEQUENCE.//0.00026:221:62//Z92791

25 R-PLACE1001640//Homo sapiens chromosome 17, clone hRPK.651_L_9, complete sequence.//2.6e-83:441:95//AC005971

R-PLACE1001672//H.sapiens flow-sorted chromosome 6 TaqI fragment, SC6pA26H8.//0.91:115:69//Z79253

30 R-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds.//1.5e-111:545:97//AF069250

35 R-PLACE1001692//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.0e-46:478:75//AC005077

40 R-PLACE1001705//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING DRAFT SEQUENCE.//0.79:91:73//Z99716

R-PLACE1001716//Homo sapiens Xp22 PAC RPC11-167A22 (from Roswell Park Cancer Center) complete sequence.//0.96:172:66//AC002349

45 R-PLACE1001720

50 R-PLACE1001729//Human interleukin-13 (IL-13) precursor gene, complete cds.//0.79:280:60//U31120

R-PLACE1001739//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//1.0:109:65//AC005261

55 R-PLACE1001740//Homo sapiens BAC clone GS114I09 from 7p14-p15, complete sequence.//5.3e-11:249:67//AC006027

EP 1 074 617 A2

R-PLACE1001745

5 R-PLACE1001746//Homo sapiens chromosome 4 clone B200N5 map 4q25, complete sequence.//6.0e-05:337:61//AC005509

10 R-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//1.3e-91:540:89//AF061243

R-PLACE1001756//Human BAC clone RG302F04 from 7q31, complete sequence.//0.074:344:62//AC002463

15 R-PLACE1001761

20 R-PLACE1001771//Homo sapiens full-length insert cDNA clone ZD79C11.//4.4e-57:298:96//AF086426

R-PLACE1001781//T.thermophila micronuclear DNA containing to chromosomal breakage sequence Cbs-1, clone Tt819.//4.6e-05:282:61//M15711

25 R-PLACE1001799//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.015:331:58//AC004710

30 R-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//4.1e-92:463:95//AF058953

35 R-PLACE1001821//***ALU WARNING: Human Alu-J subfamily consensus sequence.//3.6e-36:281:82//U14567

R-PLACE1001845//Mus musculus Paneth cell enhanced expression PCEE mRNA, complete cds.//9.1e-26:313:73//U37351

40 R-PLACE1001869

45 R-PLACE1001897//Mus musculus homeobox protein (D1x5) mRNA, complete cds.//0.0043:207:64//AF033011

R-PLACE1001912//RPCI11-25F23.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-25F23, genomic survey sequence.//6.3e-33:248:67//AQ013567

50 R-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds.//5.0e-73:363:98//AF070671

55 R-PLACE1001928//Homo sapiens chromosome 17, clone hRPK.642_C_21, complete sequence.//0.98:248:60//AC005245

R-PLACE1001983//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from

EP 1 074 617 A2

clone Y40H7, WORKING DRAFT SEQUENCE.//0.12:157:61//AL021389

5 R-PLACE1001989//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
968D22, WORKING DRAFT SEQUENCE.//1.4e-44:376:80//AL023755

10 R-PLACE1002046//CITBI-E1-2520J24.TF CITBI-E1 Homo sapiens genomic clone 2520J24,
genomic survey sequence.//4.5e-20:144:89//AQ280117

R-PLACE1002052//Human DNA sequence from cosmid U160A4, between markers DXS366
and DXS87 on chromosome X contains STS.//0.025:362:57//Z80900

15 R-PLACE1002066//Leishmania tarentolae maxicircle DNA fragment.//0.0034:197:62//X02438

20 R-PLACE1002072//Homo sapiens chromosome 5, P1 clone 854b11 (LBNL H44), complete
sequence.//9.7e-06:414:60//AC004763

R-PLACE1002073

25 R-PLACE1002090//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-
345G4 @complete genomic sequence, complete sequence.//1.8e-06:278:63//AC002302

30 R-PLACE1002115//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
Y214H10, WORKING DRAFT SEQUENCE.//6.0e-12:327:64//AL022344

R-PLACE1002119//Mus musculus IERS (Ier5) mRNA, complete cds.//5.1e-67:442:
86//AF079527

35 R-PLACE1002140//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-
26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1.

40 Contains ESTs, STSs and GSSs, complete sequence.//2.2e-80:403:97//AL022162 R-
PLACE1002150//Human DNA sequence from PAC 145B12 on chromosome Xq27-Xq28.
Contains EST, CA repeat and STS.//0.043:455:59//AL008706

45 R-PLACE1002157//Human DNA sequence from Fosmid 65B7 on chromosome 22q11.2-
qter. Contains exons 6-12 of the SLC5A1 (SGLT1) gene for solute carrier family 5
(sodium/glucose cotransporter) member 1 (High Affinity Sodium-Glucose Cotransporter),
complete sequence.//9.8e-58:384:79//Z83849

50 R-PLACE1002163//Canis familiaris MHC class IIA DLA-DQA (DQA 1 allele) gene, exon 2,
partial cds.//0.82:96:70//U44785

55 R-PLACE1002171//Homo sapiens PAC clone DJ1100F23 from 7q31, complete
sequence.//0.83:196:65//AC004456

R-PLACE1002205//Human DNA sequence from PAC 436M11 on chromosome Xp22.11-

EP 1 074 617 A2

22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinoschisis (X-linked, juvenile) 1 (XLRS1). Contains ESTs, an STS and GSSs, complete sequence.//0.0017:193:61//Z94056

5

R-PLACE1002213//Homo sapiens chromosome 19, fosmid 37308, complete sequence.//8.0e-42:330:81//AC004152

10

R-PLACE1002227//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//2.1e-10:126:80//AC003071

15

R-PLACE1002256//Homo sapiens clone DJ0853H20, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.7e-06:478:57//AC004907

20

R-PLACE1002259//Human DNA sequence from cosmid U75A4 on chromosome X.//6.5e-81:501:88//Z82255

R-PLACE1002319//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00023:549:58//AC005505

25

R-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds.//4.9e-94:501:93//AB018271

30

R-PLACE1002395//Homo sapiens chromosome 19, cosmid R34382, complete sequence.//1.4e-69:385:93//AC005329

35

R-PLACE1002399//Human HepG2 3' region cDNA, clone hmd5d06.//2.4e-71:411:92//D16939

R-PLACE1002433//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 173D1, WORKING DRAFT SEQUENCE.//0.85:176:63//AL031984

40

R-PLACE1002437//Human BAC clone RG114A06 from 7q31, complete sequence.//0.0040:213:63//AC002542

45

R-PLACE1002438//CITBI-E1-2501M20.TF.1 CITBI-E1 Homo sapiens genomic clone 2501M20, genomic survey sequence.//0.70:247:61//AQ242104

50

R-PLACE1002450//Homo sapiens 959 kb contig between AML1 and CBR1 on chromosome 21q22; segment 1/3.//0.00060:471:59//AJ229041

R-PLACE1002465//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//2.5e-10:98:81//AC004854

55

R-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds.//1.7e-25:199:71//U69262

R-PLACE1002477//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains

EP 1 074 617 A2

ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat.//1.2e-11:382:63//Z92545

5 R-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds.//1.1e-53:307:91//AF042273

10 R-PLACE1002499//Plasmodium falciparum MAL3P6, complete sequence.//0.56:270:60//Z98551

15 R-PLACE1002500//CIT-HSP-2337C20.TR CIT-HSP Homo sapiens genomic clone 2337C20, genomic survey sequence.//3.2e-42:297:85//AQ037614

R-PLACE1002514//Human DNA Sequence *** SEQUENCING IN PROGRESS *** from clone 212A2, WORKING DRAFT SEQUENCE.//7.8e-16:221:73//Z95114

20 R-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds.//1.6e-86:582:85//AB018256

25 R-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1, complete sequence.//9.0e-91:453:97//AC004774

30 R-PLACE1002537//Hansenula wingei mitochondrial gene for NADH dehydrogenase subunit 5, complete cds.//0.0042:489:60//D16253

R-PLACE1002571//Apis mellifera ligustica complete mitochondrial genome.//0.034:493:55//L06178

35 R-PLACE1002578//Homo sapiens chromosome 5, Pac clone 9c13 (LBNL H127), complete sequence.//2.5e-44:292:84//AC006084

40 R-PLACE1002583//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete cds.//3.1e-17:517:61//AF045555

R-PLACE1002591

45 R-PLACE1002598//Caenorhabditis elegans cosmid Y37D8A, complete sequence.//0.080:308:60//AL032626

50 R-PLACE1002604//Human cosmid LL12NC01-88A9, ETV6 gene, exons 6, 7 and 8 and partial cds.//0.0013:176:65//U63313

55 R-PLACE1002625//HS_2233_B2_H04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2233 Col=8 Row=P, genomic survey sequence.//5.2e-13:137:79//AQ146663

R-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//5.8e-

EP 1 074 617 A2

46:272:94//AF079765

5 R-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced,
complete cds.//1.2e-77:390:97//AF068180

10 R-PLACE1002714//Mus musculus clone OST2473, genomic survey sequence.//1.3e-35:328:
78//AF046656

R-PLACE1002722//Sequence 1 from patent US 5686597.//1.7e-42:276:89//I73723

15 R-PLACE1002768//Homo sapiens Xp22 bins 169-171 BAC GSHB-383H3 (Genome Systems
Human BAC Library) complete sequence.//0.0098:197:64//AC005185

20 R-PLACE1002772//Homo sapiens PAC clone DJ0560O14 from 7q21.1-q21.2, complete
sequence.//6.7e-49:378:82//AC006145

R-PLACE1002782

25 R-PLACE1002794

R-PLACE1002811//CIT-HSP-2316H11.TF CIT-HSP Homo sapiens genomic clone 2316H11,
genomic survey sequence.//6.0e-50:250:100//AQ034981

30 R-PLACE1002815//Sequence 2 from patent US 5747660.//2.7e-59:312:84//AR005279

35 R-PLACE1002816//Homo sapiens 12q13.1 PAC RPCI5-1057I20 (Roswell Park Cancer
Institute Human PAC library) complete sequence.//6.3e-59:339:93//AC004466

R-PLACE1002834//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and
9.//1.4e-78:413:95//M27877

40 R-PLACE1002839//Homo sapiens PAC clone DJ0015I23 from 22, complete
sequence.//6.5e-25:301:74//AC004819

45 R-PLACE1002851//CIT-HSP-2317M9.TR CIT-HSP Homo sapiens genomic clone 2317M9,
genomic survey sequence.//0.0011:210:61//AQ040519

R-PLACE1002853//Human interleukin 6 (IL6) gene, 3' flank.//5.8e-06:327:61//J03049

50 R-PLACE1002881

55 R-PLACE1002908//HS_3064_A1_D04_MF CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3064 Col=7 Row=G, genomic survey sequence.//1.9e-
09:156:72//AQ142985

R-PLACE1002941

EP 1 074 617 A2

R-PLACE1002962

5 R-PLACE1002968//Human DNA sequence from clone 109F14 on chromosome 6p21.2-21.3. Contains the alternatively spliced gene for Transcriptional Enhancer Factor TEF-5, the 60S Ribosomal Protein RPL10A gene, a PUTATIVE ZNF127 LIKE gene, and the PPARD for Peroxisome Proliferator Activated Receptor Delta (PPAR-Delta, PPAR-Beta, Nuclear Hormone
10 Receptor 1, NUC1, NUCI, PPARB). Contains three putative CpG islands, ESTs, STSs, GSSs and a ca repeat polymorphism, complete sequence.//1.9e-32:314:77//AL022721

15 R-PLACE1002991//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING DRAFT SEQUENCE.//1.6e-42:343:81//AL023755

20 R-PLACE1002993//Homo sapiens PAC clone DJ0899E09 from 7q11.23-q21.1, complete sequence.//0.56:88:72//AC004921

25 R-PLACE1002996//HS_2064_A1_A05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2064 Col=9 Row=A, genomic survey sequence.//4.9e-18:117:95//AQ243211

R-PLACE1003025//Homo sapiens PAC clone DJ0560O14 from 7q21.1-q21.2, complete sequence.//0.26:428:58//AC006145

30 R-PLACE1003027//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//1.3e-95:465:98//AC005920

35 R-PLACE1003044

R-PLACE1003092//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-89, complete sequence.//3.6e-05:358:60//AL010266

40 R-PLACE1003100//HS_2244_A2_H12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2244 Col=24 Row=O, genomic survey sequence.//2.3e-42:288:86//AQ084224

45 R-PLACE1003108//Homo sapiens clone DJ0781A18, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.00066:233:61//AC004885

50 R-PLACE1003136//Plasmodium falciparum MAL3P2, complete sequence.//0.019:429:57//AL034558

R-PLACE1003145

55 R-PLACE1003153//Homo sapiens Xp22 BAC GSHB-536K7 (Genome Systems Human BAC library) complete sequence.//3.2e-05:390:58//AC004616

EP 1 074 617 A2

R-PLACE1003174//*Arabidopsis thaliana* genomic DNA, chromosome 5, P1 clone: MTE17, complete sequence.//2.4e-06:390:60//AB015479

5 R-PLACE1003176

R-PLACE1003190//*Homo sapiens* clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//4.0e-78:406:81//AC005095

10

R-PLACE1003200//*Plasmodium falciparum* MAL3P6, complete sequence.//0.016:411:57//Z98551

15 R-PLACE1003205//*Plasmodium falciparum* 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.00084:288:61//AC005139

20 R-PLACE1003238//*Homo sapiens* full-length insert cDNA clone ZD79H11.//7.6e-114:567:96//AF086432

R-PLACE1003249//Human Chromosome X, complete sequence.//1.3e-45:317:85//AC002416

25

R-PLACE1003256//*Homo sapiens* chromosome 17, clone HCIT421K24, complete sequence.//1.0e-45:328:85//AC004099

30 R-PLACE1003258

R-PLACE1003296//*Diphtheria* sp. 16S ribosomal RNA gene, mitochondrial gene encoding mitochondrial rRNA, partial sequence.//0.050:228:59//U39952

35

R-PLACE1003302//Figure 2. Nucleotide and translated protein sequences of HPF1, 2, and 9.//1.7e-91:458:96//M27877

40 R-PLACE1003334//*Homo sapiens* DNA sequence from BAC 217C2 on chromosome 22q13-q13.33. Contains a gene for the presumptive isolog of Rat RTP60 (nuclear pore complex protein Npap60). Contains ESTs, complete sequence.//4.3e-34:370:71//Z82243

45 R-PLACE1003342//CIT-HSP-2311D21.TF CIT-HSP *Homo sapiens* genomic clone 2311D21, genomic survey sequence.//1.0:159:68//AQ020460

50 R-PLACE1003343//*Plasmodium falciparum* 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.1e-05:330:61//AC004153

R-PLACE1003353//*Homo sapiens* breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds.//3.4e-98:469:98//U92715

55

R-PLACE1003361

EP 1 074 617 A2

R-PLACE1003366//Homo sapiens CAG repeated sequence.//0.018:319:61//AJ006805

5 R-PLACE1003369//T18H17-T7 TAMU Arabidopsis thaliana genomic clone T18H17, genomic survey sequence.//0.050:155:63//B20174

10 R-PLACE1003373//Homo sapiens chromosome 17, clone hRPC.1050_D_4, complete sequence.//1.2e-62:434:83//AC004771

R-PLACE1003375//Dictyostelium discoideum golgesin (gol) gene, complete cds.//0.042:263:57//U89350

15 R-PLACE1003383//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer , segment 10/10.//1.7e-83:429:96//AB020878

20 R-PLACE1003401//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence.//2.4e-13:175:76//AC005695

25 R-PLACE1003420//Homo sapiens PAC clone DJ0988G15 from 7q33-q35, complete sequence.//2.1e-05:340:61//AC005587

R-PLACE1003454//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-64, complete sequence.//0.47:411:58//AL009014

30 R-PLACE1003478//M.capricolum DNA for CONTIG MC175.//0.51:253:59//Z33125

35 R-PLACE1003493//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence.//4.6e-37:319:81//AC006080

R-PLACE1003516//CIT-HSP-2295M19.TF CIT-HSP Homo sapiens genomic clone 2295M19, genomic survey sequence.//1.0e-40:251:90//AQ007480

40 R-PLACE1003519//Homo sapiens chromosome 21q22.3 PAC 141B3, complete sequence, containing ribosomal protein homologue pseudogene L23a.//2.7e-29:163:89//AF064859

45 R-PLACE1003521//HS_3252_A2_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3252 Col=10 Row=M, genomic survey sequence.//0.00017:274:60//AQ221562

50 R-PLACE1003528//HS_2041_B1_B07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2041 Col=13 Row=D, genomic survey sequence.//6.6e-40:219:83//AQ230483

55 R-PLACE1003537//Drosophila melanogaster mitochondrial cytochrome c oxidase subunits, ATPase6, 7 tRNAs (Trp, Cys, Tyr, Leu(UUR), Lys, Asp, Gly) genes, and unidentified reading frames A61, 2 and 3.//8.3e-05:300:61//J01404

EP 1 074 617 A2

R-PLACE1003553//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//2.7e-87:450:96//AL031297

5 R-PLACE1003566

R-PLACE1003575//Homo sapiens chromosome 16, cosmid clone 325D7, complete sequence.//4.7e-20:148:78//AC003965

10

R-PLACE1003583//Human DNA sequence from PAC 388N15 on chromosome Xq21.1.//3.5e-18:287:68//Z99571

15 R-PLACE1003584

R-PLACE1003592//Homo sapiens cosmid 223D9 from Xq28, complete sequence.//2.5e-10:153:73//AF061032

20

R-PLACE1003593//Human BAC clone RG030H15 from 7q31, complete sequence.//6.9e-07:240:65//AC002066

25 R-PLACE1003596//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y87G2, WORKING DRAFT SEQUENCE.//0.13:393:60//AL022597

R-PLACE1003602//Homo sapiens mRNA expressed in placenta.//2.4e-95:576:88//D83200

30

R-PLACE1003605//Homo sapiens BAC clone RG331C24 from 7q21, complete sequence.//2.9e-19:302:71//AC002081

35 R-nnnnnnnnnnnnn

R-PLACE1003618//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191E19, WORKING DRAFT SEQUENCE.//8.3e-57:469:80//AL034451

40

R-PLACE1003625//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.1e-05:339:62//AC004688

45 R-PLACE1003638//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1104E15, WORKING DRAFT SEQUENCE.//2.5e-38:279:84//AL022312

50 R-PLACE1003669//HS_3054_A2_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3054 Col=14 Row=I, genomic survey sequence.//0.014:265:61//AQ132713

55 R-PLACE1003704//HS_3213_A1_D12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3213 Col=23 Row=G, genomic survey sequence.//0.80:195:61//AQ176784

EP 1 074 617 A2

R-PLACE1003709//Human BAC clone RG126M09 from 7q21-q22, complete sequence.//0.018:152:61//AC002067

5 R-PLACE1003711//Human endothelial nitric oxide synthase gene, complete cds.//1.7e-61:366:89//D26607

10 R-PLACE1003723//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//2.7e-44:505:73//AL022336

15 R-PLACE1003738//H.sapiens DNA sequence.//0.93:185:60//Z22357

R-PLACE1003760//Human globin gene.//5.9e-97:538:91//M69023

20 R-PLACE1003762//Homo sapiens chromosome 17, clone HCIT39G8, complete sequence.//4.6e-13:134:79//AC003070

25 R-PLACE1003768//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//5.4e-12:189:71//AC005919

R-PLACE1003771//Homo sapiens BAC clone GS164B05 from 7p21-p22, complete sequence.//1.7e-119:619:95//AC004160

30 R-PLACE1003783

R-PLACE1003784//Homo sapiens chromosome 19, CIT-HSP-87m17 BAC clone, complete sequence.//5.6e-15:204:74//AC004659

35 R-PLACE1003795//CIT-HSP-2374C8.TR CIT-HSP Homo sapiens genomic clone 2374C8, genomic survey sequence.//7.0e-37:234:89//AQ114933

40 R-PLACE1003833//Homo sapiens full-length insert cDNA clone ZE15C06.//4.4e-59:313:95//AF086558

45 R-PLACE1003850

R-PLACE1003858

50 R-nnnnnnnnnnnnn

R-PLACE1003870//Homo sapiens Chromosome 22q11.2 Cosmid Clone 15a10 In DGCR Region, complete sequence.//8.7e-33:285:81//AC000072

55 R-nnnnnnnnnnnnn

R-PLACE1003886

EP 1 074 617 A2

- 5 R-PLACE1003888//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence.//0.73:127:65//AC004069
- R-PLACE1003900//Homo sapiens ADP/ATP carrier protein (ANT-2) gene, complete cds.//1.9e-05:239:59//L78810
- 10 R-PLACE1003903//Homo sapiens full-length insert cDNA clone ZD78D11.//8.1e-74:369:97//AF086422
- R-PLACE1003915//Mus musculus bone morphogenetic protein-6 (BMP-6) gene, exons 6 and 7 and complete cds.//0.56:247:61//U73520
- 15 R-PLACE1003923//Caenorhabditis elegans cosmid Y57G11C, complete sequence.//0.67:213:63//Z99281
- 20 R-PLACE1003932//Human DNA sequence from cosmid U90B3, on chromosome Xp11, contains ESTs.//8.7e-49:342:85//Z74022
- 25 R-PLACE1003936//H.sapiens gene for ventricular myosin light chain 2.//2.6e-09:394:61//Z15030
- 30 R-PLACE1003968//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-62, complete sequence.//1.3e-07:245:65//AL010247
- R-PLACE1004104
- 35 R-PLACE1004114//Human PAC clone RG212D03, complete sequence.//5.0e-07:336:61//AC002485
- 40 R-PLACE1004118//HS_3092_B1_B01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3092 Col=1 Row=D, genomic survey sequence.//0.80:207:60//AQ128151
- 45 R-PLACE1004128//Rattus norvegicus guanine nucleotide binding protein beta 4 subunit mRNA, partial cds.//1.8e-06:193:66//AF022085
- 50 R-PLACE1004149//HS_2253_A2_F11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2253 Col=22 Row=K, genomic survey sequence.//2.4e-59:315:95//AQ129711
- 55 R-PLACE1004156//Homo sapiens Xp22 bins 3-5 PAC RPCI4-617A9 (Roswell Park Cancer Institute Human PAC Library) containing Arylsulfatase D and E genes, complete sequence.//8.3e-53:299:76//AC005295
- R-PLACE1004161

EP 1 074 617 A2

R-PLACE1004183//Homo sapiens for TOM1-like protein.//1.3e-80:434:93//AJ010071

5 R-PLACE1004197//RPC111-69N15.TK RPC111 Homo sapiens genomic clone R-69N15,
genomic survey sequence.//0.0078:170:65//AQ265515

10 R-PLACE1004203//Homo sapiens semaphorin L (SEMAL) mRNA, complete cds.//3.4e-105:
501:98//AF030698

15 R-PLACE1004242//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21.
Contains genomic marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism,
complete sequence.//6.1e-65:373:86//AL021326

20 R-PLACE1004256//Homo sapiens BAC clone NH0044G14 from 7q11.23-21.1, complete
sequence.//0.011:383:61//AC006031

R-PLACE1004257//Homo sapiens Xp22 BAC GSHB-433024 (Genome Systems Human BAC
library) complete sequence.//3.4e-09:576:59//AC004470

25 R-PLACE1004258//HS_3034_A1_B12_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3034 Col=23 Row=C, genomic survey sequence.//1.4e-
35:359:77//AQ128936

30 R-PLACE1004270//CITBI-E1-2504K14.TR CITBI-E1 Homo sapiens genomic clone 2504K14,
genomic survey sequence.//2.7e-06:150:74//AQ261108

35 R-PLACE1004274//Homo sapiens BAC clone NH0436H22 from 2, complete
sequence.//0.025:116:72//AC005234

40 R-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete
cds.//4.4e-106:581:91//AF084830

R-PLACE1004284//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic
sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.59:231:60//AC005308

45 R-FLACE1004289//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete
sequence.//5.8e-31:340:75//AC005920

50 R-PLACE1004302//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1
unordered pieces.//6.4e-90:572:86//AC005095

55 R-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//1.9e-113:590:
94//Y11588

R-PLACE1004336//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone

EP 1 074 617 A2

1013A10, WORKING DRAFT SEQUENCE.//2.3e-65:292:82//AL033383

5 R-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//2.4e-70:379:93//AF100153

10 R-PLACE1004376//CIT-HSP-2287M8.TF CIT-HSP Homo sapiens genomic clone 2287M8, genomic survey sequence.//0.47:173:61//AQ000837

R-PLACE1004384//CIT-HSP-2316J11.TF CIT-HSP Homo sapiens genomic clone 2316J11, genomic survey sequence.//0.035:109:69//AQ037817

15 R-PLACE1004388//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-82, complete sequence.//4.2e-06:381:60//AL010149

20 R-PLACE1004405//Homo sapiens clone GS512I21, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.20:270:60//AC005027

25 R-PLACE1004425//Homo sapiens PAC clone DJ0733B09 from 7p14-p13, complete sequence.//1.3e-96:516:94//AC005532

30 R-PLACE1004428//Human DNA sequence from clone 888M10 on chromosome 1p36.11-36.31 Contains part of gene KIAA0453, EST, STS, GSS, complete sequence.//5.8e-10:279:65//AL031296

R-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds.//2.9e-88:516:88//U49283

35 R-PLACE1004451//HS_2258_B2_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2258 Col=2 Row=L, genomic survey sequence.//0.82:172:61//AQ221189

40 R-PLACE1004460

45 R-PLACE1004467//Syrian hamster carbamoylphosphate synthetase-aspartate transcarbamylasedihydroorotase (CAD) gene, exons 1 and 2.//1.2e-24:311:62//M31621

R-PLACE1004471//Homo Sapiens Chromosome X clone bWXD75, complete sequence.//2.1e-34:333 :70//AC004389

50 R-PLACE1004473

55 R-PLACE1004491//Drosophila melanogaster Oregon-R mitochondrial A+T region.//1.0e-08:485:60//U11584

R-PLACE1004506

EP 1 074 617 A2

- 5 R-PLACE1004510//Plasmodium falciparum chromosome 2, section 64 of 73 of the complete sequence.//0.0094:543:56//AE001427
- R-PLACE1004516//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//0.00011:343:59//AC003071
- 10 R-PLACE1004518
- R-PLACE1004548//Homo sapiens Xp22 BAC GS-551O19 (Genome Systems Human BAC library) and cosmids U199A7 and U209F2 (Lawrence Livermore X chromosome cosmid library) containing part of human chloride channel 4 gene, complete sequence.//4.9e-40:245:80//AC003666
- 15 R-PLACE1004550
- 20 R-PLACE1004564//B.taurus mRNA for cleavage and polyadenylation specificity factor.//2.7e-82:532:86//X75931
- 25 R-PLACE1004629//Homo sapiens chromosome 7 clone UWGC:g3586a230 from 7p14-15, complete sequence.//0.015:437:59//AC004800
- 30 R-PLACE1004645//CIT-HSP-2370D6.TR CIT-HSP Homo sapiens genomic clone 2370D6, genomic survey sequence.//0.033:76:75//AQ110136
- R-PLACE1004646//Homo sapiens cosmid 120C12 from Xq28, complete sequence.//2.0e-23:237:79//AF036876
- 35 R-PLACE1004658//Homo sapiens Chromosome 12p13.3 BAC RPCI11-21K20 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//7.1e-09:94:87//AC005343
- 40 R-nnnnnnnnnnnn//RPCI11-79G23.TV RPCI11 Homo sapiens genomic clone R-79G23, genomic survey sequence.//2.2e-81:433:94//AQ283692
- 45 R-PLACE1004672//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene, complete cds.//2.7e-24:263:74//U07561
- R-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds.//1.1e-89:513:91//AF035606
- 50 R-PLACE1004681//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer , segment 3/11.//1.3e-96:498:95//AB020860
- 55 R-PLACE1004686

EP 1 074 617 A2

- 5 R-PLACE1004691//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 2/11./2.1e-33:290:80//AB020859
- R-PLACE1004693//Caenorhabditis elegans cosmid Y2H9A, complete sequence./1.0:195:60//AL021448
- 10 R-PLACE1004716//CITBI-E1-2519C14.TR CITBI-E1 Homo sapiens genomic clone 2519C14, genomic survey sequence./5.0e-43:245:93//AQ276965
- 15 R-PLACE1004722//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces./0.0022:360:60//AC005507
- R-PLACE1004736
- 20 R-PLACE1004740
- R-nnnnnnnnnnn//Homo sapiens ubiquitin-protein ligase E3-alpha (UBR1) mRNA, partial cds./5.4e-105:575:92//AF061556
- 25 R-PLACE1004751//Homo sapiens Xq28 BACs 360 F12, GSHB-555C13, complete sequence./9.0e-26:317:76//AC002523
- 30 R-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds./8.5e-88:437:96//AF084367
- 35 R-PLACE1004777//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15, WORKING DRAFT SEQUENCE./0.050:138:65//AP000010
- R-PLACE1004793//Human endogenous retrovirus HERV-K(HML6) proviral clone HML6.17 putative polymerase and envelope genes, partial cds, and 3'LTR./5.1e-58:313:80//U60269
- 40 R-nnnnnnnnnnn//Homo sapiens mRNA for KIAA0606 protein, partial cds./5.8e-98:580:88//AB011178
- 45 R-PLACE1004813//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces./5.3e-09:256:64//AC005140
- 50 R-PLACE1004814//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds./3.5e-107:358:99//AF069250
- 55 R-PLACE1004815//Human Chromosome 11q12.2 PAC clone pDJ606g6, complete sequence./3.8e-61:353:89//AC004126
- R-PLACE1004824//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING DRAFT SEQUENCE, 3 unordered pieces./5.7e-42:364:79//AC004666

EP 1 074 617 A2

- 5 R-PLACE1004827//Homo sapiens Xp22 BAC GS-594A7 (Genome Systems Human BAC library) contains Bmx gene, complete sequence.//2.7e-14:156:79//AC003669
- 10 R-PLACE1004836//HS_2270_A2_H10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2270 Col=20 Row=O, genomic survey sequence.//8.6e-51:267:96//AQ164110
- 15 R-PLACE1004838//CIT-HSP-2343E10.TR CIT-HSP Homo sapiens genomic clone 2343E10, genomic survey sequence.//0.071:168:63//AQ058544
- 20 R-PLACE1004840//Sequence 4 from patent US 5728819.//1.6e-26:150:98//I92820
- 25 R-PLACE1004868//Human Chromosome X clone bW XD342, complete sequence.//0.57:344:59//AC004072
- 30 R-PLACE1004885//HS_3235_B2_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3235 Col=14 Row=J, genomic survey sequence.//1.1e-38:175:78//AQ210193
- 35 R-PLACE1004900//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//2.0e-44:334:84//AL022577
- 40 R-PLACE1004902
- 45 R-nnnnnnnnnnnn//Human DNA sequence from clone J428A131, WORKING DRAFT SEQUENCE.//7.7e-58:377:87//Z82209
- 50 R-PLACE1004918//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//0.00084:373:60//AC004605
- 55 R-PLACE1004930//Homo sapiens MDC-3.13 isoform 1 mRNA, complete cds.//2.0e-100:532:93//AF099936
- R-PLACE1004934//Homo sapiens clone RG062N11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.00030:198:66//AC005683
- R-PLACE1004937//Caenorhabditis elegans SEL-10 (sel-10) mRNA, complete cds.//1.3e-13:367:61//AF020788
- R-PLACE1004969//Human DNA sequence from clone LUCA7 on chromosome 3, complete sequence.//0.97:116:71//Z84494

EP 1 074 617 A2

R-PLACE1004972

5 R-PLACE1004979//Plasmodium falciparum MAL3P4, complete sequence.//0.74:304:60//AL008970

10 R-PLACE1004982//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.7e-05:495:57//AC005308

R-PLACE1004985//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 451B21, WORKING DRAFT SEQUENCE.//2.5e-10:410:60//AL033522

15 R-PLACE1005026//Homo sapiens PAC clone DJ0907C10 from 7q31-3q32, complete sequence.//2.7e-56:158:99//AC004925

20 R-PLACE1005027

R-PLACE1005046//Homo sapiens chromosome 19, cosmid F20237, complete sequence.//3.1e-63:438:86//AC005775

25 R-PLACE1005052//Homo sapiens chromosome Xp22-135-136 clone GSHB-56711, WORKING DRAFT SEQUENCE, 35 unordered pieces.//6.1e-87:301:98//AC005867

30 R-PLACE1005066//Human DNA sequence from clone 67K17 on chromosome 6q24.1-24.3. Contains the HIVEP2 (Schnurri-2) gene for HIV type 1 Enhancer-binding Protein 2, and a possible pseudogene in an intron of this gene. Contains STSs and GSSs and an AAAT repeat polymorphism, complete sequence.//1.1e-09:453:61//AL023584

35 R-PLACE1005077//H.sapiens genes for semenogelin I and semenogelin II.//2.6e-05:199:66//Z47556

40 R-PLACE1005085//Homo sapiens chromosome 17, clone hRPK.293_K_20, complete sequence.//2.1e-42:384:69//AC005495

45 R-PLACE1005086//RPCI11-30H10.TV RPCI-11 Homo sapiens genomic clone RPCI-11-30H10, genomic survey sequence.//0.13:112:67//B87788

R-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds.//2.5e-97:531:92//L40401

50 R-PLACE1005102//Homo sapiens chromosome 19, cosmid R29388, complete sequence.//1.3e-91:504:92//AC004476

55 R-PLACE1005108//Homo sapiens BAC129, complete sequence.//4.0e-28:232:84//U85195

R-PLACE1005111//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 566H6, WORKING DRAFT SEQUENCE.//3.0e-18:174:74//AL031845

EP 1 074 617 A2

R-PLACE1005128

5 R-PLACE1005146

R-PLACE1005162//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//2.4e-07:273:61//AC005140

10 R-nnnnnnnnnnn//Rat alternatively spliced mRNA.//8.1e-20:185:82//M93018

R-PLACE1005181//HS_2182_B2_B05_MF CIT Approved Human Genomic Sperm Library D

15 Homo sapiens genomic clone Plate=2182 Col=10 Row=D, genomic survey sequence.//4.9e-05:193:65//AQ030787

R-PLACE1005187//Arabidopsis thaliana chromosome II BAC T14A4 genomic sequence, complete sequence.//0.00073:264:60//AC006161

20 R-PLACE1005206//Homo sapiens full-length insert cDNA YN66A06.//6.3e-64:343:93//AF075043

25 R-PLACE1005232//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 25J6, WORKING DRAFT SEQUENCE.//1.3e-34:286:81//Z84476

30 R-PLACE1005243

R-PLACE1005261//Caenorhabditis elegans cosmid ZK666, complete sequence.//0.66:180:60//Z49132

35 R-PLACE1005266//Homo sapiens clone RG122E10, complete sequence.//1.3e-15:166:78//AC005067

40 R-PLACE1005277//CITBI-E1-2514D4.TF CITBI-E1 Homo sapiens genomic clone 2514D4, genomic survey sequence.//2.5e-34:358:74//AQ265720

R-PLACE1005287//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from

45 MAL1P1, WORKING DRAFT SEQUENCE.//4.1e-07:495:60//AL031744

R-PLACE1005305//HS_3180_B2_D02_MR CIT Approved Human Genomic Sperm Library D

50 Homo sapiens genomic clone Plate=3180 Col=4 Row=H, genomic survey sequence.//1.1e-42:308:85//AQ169443

R-PLACE1005308

55 R-PLACE1005313//Human Chromosome 11 pac pDJ227b23, WORKING DRAFT SEQUENCE, 19 unordered pieces.//0.00048:320:60//AC000383

EP 1 074 617 A2

- R-PLACE1005327//chromosome 1 specific transcript KIAA0491.//5.4e-103:537:94//AB007960
- 5 R-PLACE1005331//Homo sapiens chromosome 19, cosmid F20569, complete sequence.//2.2e-94:536:91//AC004794
- 10 R-PLACE1005335//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.3e-32:313:79//AC000380
- R-PLACE1005373//Homo sapiens BAC129, complete sequence.//8.8e-10:229:68//U85195
- 15 R-PLACE1005374//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//3.0e-44:434:77//AC005291
- 20 R-PLACE1005409//Human BAC clone RG167B05 from 7q21, complete sequence.//8.8e-105:529:96//AC003991
- R-PLACE1005453//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//4.7e-39:302:82//AC002477
- 25 R-PLACE1005467//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167P19, WORKING DRAFT SEQUENCE.//1.1e-40:328:81//Z93014
- 30 R-PLACE1005471//Human DNA sequence from clone 395P12 on chromosome 1q24-25. Contains the TXGP1 gene for tax-transcriptionally activated glycoprotein 1 (34kD) (OX40 ligand, OX40L) and a GOT2 (Aspartate Aminotransferase, mitochondrial precursor, EC 2.6.1.1, Transaminase A, Glutamate Oxaloacetate Transaminase-2) pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//6.4e-68:409:90//AL022310
- 35 R-PLACE1005477//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE.//0.020:216:66//AL023693
- 40 R-PLACE1005480//Homo sapiens chromosome 19, CIT-HSP BAC 490g23 (BC338531), complete sequence.//2.8e-44:327:70//AC005392
- 45 R-PLACE1005481//Homo sapiens-chromosome 17, clone hRPC.1164_O_3, complete sequence.//4.2e-23:284:74//AC004703
- 50 R-PLACE1005494//Danio rerio homeobox protein LIM-3 (lim3) gene, exon 4.//0.19:468:60//AF031631
- R-PLACE1005502//Homo sapiens formin binding protein 21 mRNA, complete cds.//1.6e-55:277:98//AF071185
- 55 R-PLACE1005526//Human mRNA for alpha-1 type II collagen.//0.10:227:63//X16468
- R-PLACE1005528//Homo sapiens genomic DNA, chromosome 21q11.1, segment 9/28,

EP 1 074 617 A2

WORKING DRAFT SEQUENCE.//2.3e-76:395:96//AP000038

- 5 R-PLACE1005530//C.familiaris CA repeat sequence (isolate).//0.023:90:75//X86184
- R-PLACE1005550//Fugu rubripes GSS sequence, clone 048A08bH1, genomic survey
sequence.//2.0e-09:235:64//AL025928
- 10 R-PLACE1005554//Homo sapiens chromosome 17, clone hRPK.215_P_18, complete
sequence.//0.069:305:60//AC005969
- 15 R-PLACE1005557//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete
sequence.//4.3e-105:587:91//AC004707
- R-PLACE1005574//Human BAC 367D17 from chromosome 18, complete sequence.//1.5e-
17:274:67//AC003971
- 20 R-PLACE1005584//Homo sapiens PAC clone DJ1186C01 from 7q21.2-q31.1, complete
sequence.//2.7e-15:191:77//AC004991
- 25 R-PLACE1005595//Human Chromosome 11q12.2 PAC clone pDJ606g6, complete
sequence.//6.4e-90:453:96//AC004126
- 30 R-PLACE1005603//Homo sapiens cosmid clone U169D2 from Xp22.1-22.2, complete
sequence.//0.69:322:61//U72788
- R-PLACE1005611//Borrelia burgdorferi plasmid cp18, OspE (ospE) gene, partial cds.//0.059:
473:56//U42599
- 35 R-PLACE1005623//Homo sapiens full-length insert cDNA clone ZD76B03.//1.6e-113:575:
95//AF086405
- 40 R-PLACE1005630//High throughput sequencing of human chromosome 12, WORKING
DRAFT SEQUENCE, 1 ordered pieces.//5.6e-79:270:94//AC005840
- 45 R-PLACE1005639//Human BAC clone RG022J17 from 7q21, complete sequence.//8.2e-56:
441:83//AC002382
- R-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//3.2e-
110:585:93//AF083255
- 50 R-PLACE1005656//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete
sequence.//8.6e-08:505:58//AC005701
- 55 R-PLACE1005666//Human DNA sequence from PAC 360E18 on chromosome X contains
EST, CpG island and polymorphic CA repeat.//3.2e-27:307:72//Z82203

EP 1 074 617 A2

R-PLACE1005698//344B22.TV CIT978SKA1 Homo sapiens genomic clone A-344B22, genomic survey sequence.//0.030:91:70//B15144

- 5 R-PLACE1005727//Human variable number tandem repeat (VNTR) region, allele 17R1 3' to collagen type II (COL2A1) gene.//5.2e-10:587:59//L10171
- 10 R-PLACE1005730//Homo sapiens ADP/ATP carrier protein (ANT-2) gene, complete cds.//0.0039:239:58//L78810
- R-PLACE1005739//Mus musculus IFN-gamma induced (Mg11) mRNA, complete cds.//2.2e-21:270:72//U15635
- 15 R-PLACE1005755//Caenorhabditis elegans cosmid M03F4.//6.9e-08:219:64//U64601
- R-PLACE1005763//Human mRNA for KIAA0118 gene, partial cds.//1.0e-45:268:87//D42087
- 20 R-PLACE1005799//Human X chromosome mRNA for CCG1 protein inv. in cell proliferation.//0.030:91:78//X07024
- 25 R-PLACE1005802//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//1.4e-69:391:92//AC004827
- R-PLACE1005803
- 30 R-PLACE1005804//Human BAC clone RG341D10 from 7p15-p21, complete sequence.//1.8e-21:175:75//AC002530
- 35 R-PLACE1005828//Homo sapiens chromosome 17, clone hRPC.971_F_3, WORKING DRAFT SEQUENCE, 1 ordered pieces.//2.9e-56:333:91//AC004150
- R-PLACE1005834//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING DRAFT SEQUENCE.//0.020:513:55//AL031745
- 40 R-PLACE1005845//Rabbit mRNA for protein phosphatase 2A-beta.//1.8e-10:182:69//Y00763
- R-PLACE1005850
- 45 R-PLACE1005851//Homo sapiens clone DJ0789I05, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.5e-06:318:63//AC004887
- 50 R-PLACE1005876//B.taurus mRNA for cleavage and polyadenylation specificity factor.//6.7e-28:366:72//X75931
- 55 R-PLACE1005884//Human DNA sequence from cosmid V526F1, between markers DXS366 and DXS87 on chromosome X contains STS.//1.0e-06:306:64//Z70281
- R-PLACE1005898//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic

EP 1 074 617 A2

sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.0094:449:59//AC005139

5 R-PLACE1005921//CITBI-E1-2509N21.TF CITBI-E1 Homo sapiens genomic clone
2509N21,-genomic survey sequence.//4.8e-84:494:89//AQ261347

10 R-PLACE1005923//RPCI11-65N9.TJ RPCI11 Homo sapiens genomic clone R-65N9,
genomic survey sequence.//8.3e-97:520:93//AQ237243

R-PLACE1005925//Human DNA sequence from clone 231L4 on chromosome Xq27.1-27.3
Contains GSS, STS, complete sequence.//5.2e-67:578:78//AL022719

15 R-PLACE1005932//Caenorhabditis elegans cosmid Y52B11A, complete sequence.//0.0035:
176:62//AL032654

20 R-PLACE1005934

R-PLACE1005936//Arabidopsis Thaliana BAC F6A4, Chromosome IV, near 60.5 cM,
complete sequence.//0.00021:272:62//AF069716

25 R-PLACE1005951

R-PLACE1005953//Caenorhabditis elegans cosmid F09E5.//1.3e-07:349:60//U37429

30 R-PLACE1005955//Human HepG2 3' region Mbol cDNA, clone hmd1d01m3.//8.3e-08:128:
70//D17131

35 R-PLACE1005966//Pontia protodice large subunit ribosomal RNA gene, partial sequence;
tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial
sequence, mitochondrial genes for mitochondrial RNAs.//7.0e-09:549:59//AF044863

40 R-PLACE1005968//Rattus norvegicus mRNA for p47, complete cds.//1.1e-51:394:
81//AB002086

45 R-PLACE1005990//Homo sapiens chromosome 12p13.3 clone RPCI11-407G6, WORKING
DRAFT SEQUENCE, 51 ordered pieces.//4.4e-63:369:91//AC005866

R-PLACE1006002//Human cosmid CRI-JC2015 at D10S289 in 10sp13.//5.9e-27:299:
74//U15177

50 R-PLACE1006003//Mus musculus clone OST18050, genomic survey sequence.//3.5e-07:
164:67//AF046375

55 R-PLACE1006011//Mus musculus poly-(ADPribose)-transferase homolog PARP mRNA,
complete cds.//1.1e-32:266:83//AF072521

R-PLACE1006017//Homo sapiens Chromosome 22q11.2 Cosmid Clone 31e In DGCR

EP 1 074 617 A2

Region, complete sequence.//1.8e-17:164:82//AC000077

- 5 R-PLACE1006037//Mus musculus B6D2F1 clone 2C11B mRNA.//2.0e-49:557:72//U01139
- R-PLACE1006040//Homo sapiens mRNA for alpha endosulfine.//4.3e-13:128:81//X99906
- 10 R-PLACE1006076//Homo sapiens clone DJ0781A18, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.3e-18:220:74//AC004885
- 15 R-PLACE1006119//Plasmodium berghei (STRAIN ANKA) gamma-GCS gene, complete CDS.//0.0050:271:63//AJ005122
- R-PLACE1006129//Drosophila melanogaster, chromosome 2R, region 31C1-31D6, P1 clone DS08879, complete sequence.//0.43:178:65//AC005454
- 20 R-PLACE1006139//Homo sapiens PAC clone DJ0659J06 from 7q33-q35, complete sequence.//7.5e-13:222:68//AC004849
- 25 R-PLACE1006143//Plasmodium falciparum MAL3P6, complete sequence.//0.00019:455:59//Z98551
- 30 R-PLACE1006157//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.00018:351:60//AL034557
- R-PLACE1006159//Homo sapiens chromosome 10 clone LA10NC01_124_D_3 map 10q25.1, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.0e-113:586:96//AC006103
- 35 R-PLACE1006164//Human hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemochromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds.//1.0e-28:342:75//U91328
- 40 R-PLACE1006167//Homo sapiens full-length insert cDNA clone ZE14E04.//4.6e-77:426:93//AF086555
- 45 R-nnnnnnnnnnnn//Mouse mRNA for alpha-adaptin (C).//3.0e-46:188:82//X14972
- R-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds.//1.6e-116:597:95//AF091433
- 50 R-PLACE1006195//Homo sapiens chromosome 19, fosmid 39554, complete sequence.//8.8e-11:148:74//AC004410
- 55 R-PLACE1006196
- R-PLACE1006205//Genomic sequence from Mouse 11, complete sequence.//8.4e-44:332:85//AC000398

EP 1 074 617 A2

- 5 R-PLACE1006223//Human DNA sequence from cosmid U74C11, between markers DXS6791 and DXS8038 on chromosome X contains ESTs.//0.041:215:61//Z73362
- R-PLACE1006225//Caenorhabditis elegans cosmid Y69H2, complete sequence.//9.7e-13:358:63//Z98877
- 10 R-PLACE1006236//Plasmodium falciparum MAL3P4, complete sequence.//0.00019:538:58//AL008970
- 15 R-nnnnnnnnnnn//Homo sapiens BAC clone RG118D07 from 7q31, complete sequence.//3.1e-96:497:95//AC004142
- R-PLACE1006246//Homo sapiens clone NH0144M13, WORKING DRAFT SEQUENCE, 1 unordered pieces.//0.029:499:56//AC006034
- 20 R-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds.//9.2e-96:499:95//AB014548
- 25 R-PLACE1006262//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete sequence.//0.00043:160:66//AC004087
- 30 R-PLACE1006288//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20N2, WORKING DRAFT SEQUENCE.//3.5e-120:611:96//AL031320
- R-PLACE1006318
- 35 R-PLACE1006325//Plasmodium falciparum MAL3P8, complete sequence.//1.0:426:57//AL034560
- 40 R-PLACE1006335//Human DNA sequence from PAC 849L7 on chromosome Xq21.//0.96:173:66//AL008987
- R-PLACE1006357//P.falciparum complete gene map of plastid-like DNA (IR-B).//1.9e-07:491:58//X95276
- 45 R-PLACE1006360//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//0.25:484:56//AE001398
- 50 R-PLACE1006368//Caenorhabditis elegans cosmid Y38H6C, complete sequence.//1.0:240:59//AL031630
- 55 R-PLACE1006371//Homo sapiens chromosome 16, cosmid clone 360H6 (LANL), complete sequence.//3.7e-101:574:91//AC004232
- R-PLACE1006382

EP 1 074 617 A2

- 5 R-PLACE1006385//Mus musculus intersectin-EH binding protein lbp2 mRNA, partial cds.//1.4e-50:350:86//AF057286
- R-PLACE1006412//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//5.1e-51:339:82//AC004854
- 10 R-PLACE1006414//Homo sapiens 12p13.3 PAC RPCI5-927J10 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.6e-38:297:84//AC004804
- 15 R-PLACE1006438//Homo sapiens full-length insert cDNA YH73H06.//7.6e-73:422:90//AF074985
- R-PLACE1006445//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018K9, WORKING DRAFT SEQUENCE.//3.0e-07:376:61//AL031726
- 20 R-PLACE1006469
- R-PLACE1006470//Mouse B1 repetitive sequence DNA.//1.0:96:66//M24152
- 25 R-PLACE1006482//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 447C4, WORKING DRAFT SEQUENCE.//3.0e-101:535:94//AL021977
- 30 R-PLACE1006492//Homo sapiens chromosome 17, clone hRPK.180_P_8, complete sequence.//0.78:44:95//AC005972
- R-PLACE1006506//R.norvegicus BSP gene.//1.0:206:60//X86100
- 35 R-PLACE1006521//RPCI11-13L8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13L8, genomic survey sequence.//9.0e-17:414:61//B75158
- 40 R-PLACE1006531//Plasmodium falciparum coronin gene, isolate 3D7.//0.98:186:63//AJ002197
- 45 R-PLACE1006534//Anopheles gambiae complete mitochondrial genome.//0.051:412:61//L20934
- R-PLACE1006540//Homo sapiens clone UWGC:y55c025 from 6p21, complete sequence.//7.5e-41:470:70//AC004209
- 50 R-PLACE1006552//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y47D3, WORKING DRAFT SEQUENCE.//0.57:355:57//Z98865
- 55 R-PLACE1006598//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.016:291:58//AC004710

EP 1 074 617 A2

R-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//2.9e-116:590:95//U97670

5 R-PLACE1006617//Homo sapiens chromosome 4 clone B207D4 map 4q25, complete sequence.//2.2e-45:209:88//AC004050

R-PLACE1006626//C. elegans cosmid K12H4.//1.2e-16:344:64//L14331

10

R-PLACE1006629//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//2.8e-25:343:70//AC006128

15 R-PLACE1006640//CIT-HSP-2169L1.TF CIT-HSP Homo sapiens genomic clone 2169L1, genomic survey sequence.//0.00020:201:62//B90038

20 R-PLACE1006673//Homo sapiens clone DJ076B20, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.4e-42:309:84//AC004882

R-PLACE1006678//Homo sapiens PAC clone DJ1166G19 from 7p12-p11.2, complete sequence.//6.4e-09:454:59//AC006024

25

R-PLACE1006704//Human DNA sequence from clone 249C1 on chromosome Xq21.1-22.2 Contains GSS, complete sequence.//0.56:226:63//AL022154

30 R-PLACE1006731//Homo sapiens clone 23923 mRNA sequence.//6.0e-101:486:98//AF038172

35 R-PLACE1006754//Homo sapiens chromosome 19, cosmid R29124, complete sequence.//1.4e-68:381:93//AC005626

R-PLACE1006760//Homo sapiens clone 24800 mRNA sequence.//6.2e-72:397:92//AF070622

40

R-PLACE1006779//Rattus norvegicus intestinal trefoil factor gene, promoter and partial cds.//1.6e-11:420:61//U20984

45 R-PLACE1006782//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y47D3, WORKING DRAFT SEQUENCE.//0.60:321:58//Z98865

50 R-PLACE1006792//Homo sapiens chromosome 4 clone C0026P05 map. 4P16, complete sequence.//2.9e-40:379:77//AC005599

R-PLACE1006795//Homo sapiens BAC clone RG281G05 from 7p15-p21, complete sequence.//6.2e-07:291:63//AC005083

55

R-PLACE1006800//HS_2270_B1_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2270 Col=3 Row=H, genomic survey sequence.//4.1e-

EP 1 074 617 A2

76:367:99//AQ085793

5 R-PLACE1006805//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.00058:354:59//AC005507

10 R-PLACE1006815//HS_3028_B1_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3028 Col=7 Row=D, genomic survey sequence.//1.5e-33:251:77//AQ120174

15 R-PLACE1006819//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindIII fragment ESTs. polymorphic CA repeat, CpG island, CpG island genomic fragments.//1.4e-76:544:84//Z86062

R-PLACE1006829

20 R-PLACE1006860

25 R-PLACE1006867//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 323M4, WORKING DRAFT SEQUENCE.//3.2e-107:549:95//AL033378

R-PLACE1006878//Homo sapiens full-length insert cDNA clone ZB55G05.//1.4e-46:241:97//AF086155

30 R-PLACE1006883//Homo sapiens chromosome 16, cosmid clone 360H6 (LANL), complete sequence.//1.3e-38:283:85//AC004232

35 R-nnnnnnnnnnnnn

R-PLACE1006904//Human DNA sequence from PAC 360E18 on chromosome X contains EST, CpG island and polymorphic CA repeat.//4.1e-15:477:62//Z82203

40 R-PLACE1006917//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence.//1.3e-42:305:87//AC005184

45 R-PLACE1006932

R-PLACE1006935//Human DNA sequence from PAC 117P19 on chromosome X.//0.0014:114:74//Z86061

50 R-nnnnnnnnnnnnn//Mouse mRNA for germ cell specific protein APG-1, complete cds.//9.5e-85:590:83//D49482

55 R-PLACE1006961//Homo sapiens chromosome 17, clone hRPK.349_A_8, complete sequence.//6.7e-42:295:86//AC005544

R-PLACE1006962//Homo sapiens Xp22 PAC RPCI1-167A22 (from Roswell Park Cancer

EP 1 074 617 A2

Center) complete sequence.//1.1e-19:302:71//AC002349

- 5 R-PLACE1006966//HS_2219_B2_C02_MF CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2219 Col=4 Row=F, genomic survey sequencer.//0.019:
180:63//AQ145873
- 10 R-PLACE1006989
- R-PLACE1007014
- 15 R-PLACE1007021//Homo sapiens chromosome 12p13.3 clone RPCI3-454B23, WORKING
DRAFT SEQUENCE, 48 unordered pieces.//1.6e-23:362:70//AC005845
- 20 R-PLACE1007045//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
32B1, WORKING DRAFT SEQUENCE.//2.3e-90:584:86//AL023693
- R-PLACE1007053//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8
unordered pieces.//2.4e-108:550:96//AC004895
- 25 R-PLACE1007097//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6.
Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase
LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-
30 phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains
ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete
sequence.//1.8e-103:552:93//AL021368
- 35 R-PLACE1007105//Mus musculus muskelin mRNA, complete cds.//2.7e-32:379:73//U72194
- R-PLACE1007111//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic
sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.14:422:57//AC004688
- 40 R-PLACE1007112//Cynips cornifex cytb gene.//0.020:427:58//AJ228479
- R-PLACE1007132//Homo sapiens full-length insert cDNA YH77E09.//5.7e-107:535:
45 96//AF074987
- R-PLACE1007140//Homo sapiens clone RG030L05, WORKING DRAFT SEQUENCE, 3
unordered pieces.//0.36:408:58//AC005050
- 50 R-PLACE1007178//Homo sapiens clone HEA4 Cri-du-chat region mRNA.//0.99:63:
73//AF009283
- 55 R-PLACE1007226
- R-PLACE1007238

EP 1 074 617 A2

R-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds.//2.0e-91:534:89//D50495

5 R-PLACE1007242//CITBI-E1-2512M9.TF CITBI-E1 Homo sapiens genomic clone 2512M9, genomic survey sequence.//1.3e-05:117:76//AQ279454

10 R-PLACE1007243//Prototheca wickerhamii 263-11 complete mitochondrial DNA.//0.21:284:58//U02970

R-PLACE1007257//Homo sapiens mRNA for dia-12c protein.//6.9e-113:607:93//Y15908

15 R-PLACE1007274//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence.//4.4e-10:135:74//AC006080

20 R-PLACE1007276//Homo sapiens BAC clone 255A7 from 8q21 containing NBS1 gene, complete sequence.//1.7e-36:435:72//AF069291

R-PLACE1007282//B.garinii (strain Tls1) p83/100 gene (partial).//0.95:183:60//X81533

25 R-PLACE1007286//RPCI11-13L8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13L8, genomic survey sequence.//6.1e-55:519:76//B75158

30 R-PLACE1007301//Human DNA sequence from PAC 106H8 on chromosome 1q24. Contains PHOSPHATIDYLINOSITOL-GLYCAN class C (PIG-C) and DYNAMIN-3 genes. Contains ESTs and STSs and a CpG island.//0.75:180:62//Z97195

35 R-PLACE1007317//Drosophila dasyncemia 16S ribosomal RNA gene, mitochondrial gene for mitochondrial RNA, partial sequence.//0.59:236:59//U94253

R-PLACE1007342

40 R-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds.//3.7e-65:367:91//AF096870

45 R-PLACE1007367//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//1.0e-06:385:62//AC005507

50 R-PLACE1007375//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.10:309:59//AC004709

R-PLACE1007386//Reclinomonas americana mitochondrial DNA, complete genome.//0.0012:403:58//AF007261

55 R-PLACE1007402//HS_2055_A2_D03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2055 Col=6 Row=G, genomic survey sequence.//0.0046:88:79//AQ234824

EP 1 074 617 A2

- 5 R-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence.//7.6e-112:590:94//AF093771
- R-PLACE1007416//Homo sapiens chromosome 19, cosmid R26894, complete sequence.//0.96:98:70//AC005594
- 10 R-PLACE1007450//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//1.7e-39:308:82//Z98304
- 15 R-PLACE1007452//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//2.6e-59:389:82//AC004081
- R-PLACE1007460
- 20 R-PLACE1007478//Homo sapiens 12q13.1 PAC RPCI3-197B17 (Roswell Park Cancer Institute Human PAC library) complete sequence.//7.0e-08:335:60//AC004241
- R-PLACE1007484
- 25 R-PLACE1007488//Glossina morsitans morsitans 16S ribosomal RNA gene, mitochondrial gene for mitochondrial RNA, partial sequence.//2.5e-05:421:61//AF072373
- 30 R-PLACE1007507//Plasmodium falciparum MAL3P7, complete sequence.//2.3e-09:577:57//AL034559
- 35 R-PLACE1007511//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence.//1.2e-79:387:96//AC004231
- 40 R-PLACE1007524//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and R32804, complete sequence.//3.4e-09:148:73//AC003682
- R-PLACE1007525//Homo sapiens Chromosome 16 BAC clone CIT987SK-44M2, complete sequence.//4.7e-38:297:82//AC004381
- 45 R-PLACE1007544
- R-PLACE1007547//Human laminin alpha 4 chain (LAMA4*-1) mRNA, complete cds.//4.0e-17:108:97//U77706
- 50 R-PLACE1007557//Human BAC clone RG343P13 from 7q31, complete sequence.//2.2e-45:390:77//AC002465
- 55 R-PLACE1007583//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 545L17, WORKING DRAFT SEQUENCE.//1.0e-56:302:95//AL031665

EP 1 074 617 A2

R-PLACE1007598//Homo sapiens clone 23939 mRNA sequence.//1.5e-102:554:93//AF038179

5 R-PLACE1007618

R-PLACE1007621//Homo sapiens clone 23859 mRNA sequence.//1.4e-103:537:94//AF038176

10

R-PLACE1007632//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//3.3e-76:289:94//AC005840

15 R-PLACE1007645//Homo sapiens full-length insert cDNA clone ZD76G10.//0.0080:96:77//AF086408

20 R-PLACE1007649//CIT-HSP-2308A18.TR CIT-HSP Homo sapiens genomic clone 2308A18, genomic survey sequence.//1.1e-82:412:97//AQ022149

R-PLACE1007677//Plasmodium falciparum chromosome 2, section 4 of 73 of the complete sequence.//0.0041:470:57//AE001367

25

R-PLACE1007688

30 R-PLACE1007690//Human Chromosome 16 BAC clone CIT987SK-A-418G10, complete sequence.//1.3e-22:162:91//AC002044

R-PLACE1007697

35 R-PLACE1007705//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING DRAFT SEQUENCE.//4.4e-121:624:95//AL031662

40 R-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//1.8e-73:374:96//AF061243

R-PLACE1007725//Caenorhabditis elegans cosmid F38A5.//0.070:186:60//U70854

45 R-PLACE1007729//Human endogenous retrovirus HERV-K(HML6) proviral clone HML6.17 putative polymerase and envelope genes, partial cds, and 3'LTR.//3.8e-53:415:81//U60269

50 R-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds.//2.1e-92:556:89//AB014585

55 R-PLACE1007737//Homo sapiens clone Sb19.12 Alu-Yb8 sequence.//4.0e-43:302:77//AF015169

R-PLACE1007743//Plasmodium falciparum MAL3P8, complete sequence.//1.0e-06:533:59//AL034560

EP 1 074 617 A2

- 5 R-PLACE1007746//T.brucei mitochondrial maxicircle DNA encoding cytochrome c oxidase subunit I (COI), and NADH dehydrogenase subunits 4 and 5, complete cds.//0.28:386:58//M14820
- R-PLACE1007791//D.discoideum gene for protein kinase.//0.17:263:60//Z37981
- 10 R-PLACE1007807//Human DNA sequence from clone 878O8 on chromosome Xq21.1-21.33. Contains an EST, STSs, a GSS and genomic marker DXS472, complete sequence.//1.1e-72:324:88//AL031116
- 15 R-PLACE1007810//Homo sapiens chromosome 7 common fragile site, complete sequence.//2.2e-14:325:67//AF017104
- 20 R-PLACE1007829//Human BAC clone GS165I04 from 7q21, complete sequence.//0.00052:455:61//AC002379
- 25 R-PLACE1007843//P.falciparum complete gene map of plastid-like DNA (IR-A).//0.0050:447:57//X95275
- R-PLACE1007846//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15, WORKING DRAFT SEQUENCE.//2.2e-111:570:95//AP000010
- 30 R-PLACE1007852//HS_3028_B2_F04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3028 Col=8 Row=L, genomic survey sequence.//1.3e-12:209:71//AQ131021
- 35 R-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds.//6.6e-110:574:94//AB018309
- 40 R-PLACE1007866//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete sequence.//1.6e-43:551:70//AL022162
- 45 R-PLACE1007877//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//1.6e-22:222:78//AC005754
- 50 R-PLACE1007897//HS_3113_B2_E04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3113 Col=8 Row=J, genomic survey sequencer.//2.9e-72:381:95//AQ186905
- 55 R-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487.//8.8e-88:460:95//AB007956
- R-PLACE1007946//Human chromosome Y cosmid 54E8 genomic sequence, WORKING DRAFT SEQUENCE.//4.9e-23:172:78//AC003095

EP 1 074 617 A2

- 5 R-PLACE1007954//Homo sapiens BAC clone NH0414C23 from Y, complete sequence.//1.7e-27:303:75//AC006157
- R-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//3.9e-102:513:95//AF084530
- 10 R-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//2.2e-87:465:93//AF079529
- 15 R-PLACE1007969//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//4.8e-72:556:81//U13262
- R-PLACE1007990//E.tenella antigen LPMC61 mRNA, partial cds.//0.043:273:63//M30933
- 20 R-PLACE1008000//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 668J24, WORKING DRAFT SEQUENCE.//8.8e-10:453:62//AL034346
- 25 R-PLACE1008002//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//9.0e-114:563:96//AC005628
- 30 R-PLACE1008044//Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.//2.6e-44:509:72//L31840
- R-PLACE1008045//Homo sapiens chromosome 5, BAC clone 79a6 (LBNL H172), complete sequence.//0.32:137:66//AC005592
- 35 R-PLACE1008080//Arabidopsis thaliana chromosome II BAC F10A12 genomic sequence, complete sequence.//0.082:292:59//AC006232
- 40 R-PLACE1008095//Homo sapiens BAC clone NH0364H22 from 2, complete sequence.//5.4e-27:260:76//AC005036
- 45 R-PLACE1008111//Human variable number tandem repeat (VNTR) region, allele 12R1 3' to collagen type II (COL2A1) gene.//2.2e-07:444:59//L10157
- R-PLACE1008122//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//1.9e-11:384:63//AC005919
- 50 R-PLACE1008129//Homo sapiens clone DJ1087M19, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.0e-10:189:66//AC004955
- 55 R-PLACE1008132//Human HepG2 3' region cDNA, clone hmd5d06.//7.4e-47:320:86//D16939
- R-PLACE1008177//Mouse mRNA for meiosis-specific nuclear structural protein 1 (MNS1), complete cds.//2.6e-32:410:70//D14849

EP 1 074 617 A2

R-PLACE1008181//Caenorhabditis elegans cosmid C31H2.//0.055:358:60//U41748

5 R-PLACE1008198

R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0530 protein, partial cds.//4.8e-103:551:93//AB011102

10

R-PLACE1008209//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//4.6e-16:250:71//AL034549

15

R-PLACE1008231//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.13:341:60//AC004688

20

R-PLACE1008244//P.falciparum P.195 gene.//0.11:212:66//A04562

R-PLACE1008273//Human MEST mRNA, complete cds.//0.00013:52:100//D78611

25

R-nnnnnnnnnnnn

R-PLACE1008280//Homo sapiens chromosome 7 clone UWGC:g3586a160 from 7p14-15, complete sequence.//1.5e-05:104:76//AC005272

30

R-PLACE1008309//Human 'at'-rich region adjacent to alpha satellite DNA.//0.70:138:63//M80308

35

R-PLACE1008329//Homo sapiens chromosome 10 clone CIT-HSP-1240G16 map 10q25.1, complete sequence.//0.00061:150:68//AC005886

40

R-PLACE1008330//Homo sapiens chromosome 19, cosmid F21431, complete sequence.//4.8e-74:252:98//AC005176

45

R-PLACE100833//Genomic sequence from Human 13, complete sequence.//1.0:176:65//AC001226

50

R-PLACE1008356//Homo sapiens meningioma-expressed antigen 5 (MEA5) mRNA, 3' UTR.//2.5e-98:556:90//AF036145

55

R-PLACE1008368//HS-1039-A1-C10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 821 Col=19 Row=E, genomic survey sequence.//1.2e-05:375:62//B36336

R-PLACE1008369//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 4/15, WORKING DRAFT SEQUENCE.//2.8e-10:466:61//AP000011

R-PLACE1008392//Homo sapiens chromosome 17, clone hRPK.471_L_13, complete

EP 1 074 617 A2

sequence.//1.0e-46:282:82//AC005244

5 R-PLACE1008398//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING DRAFT SEQUENCE.//4.1e-101:529:94//AL034417

10 R-PLACE1008401//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//0.18:379:58//AC004604

R-nnnnnnnnnnn//Homo sapiens mRNA for p115, complete cds.//1.6e-101:521:95//D86326

15 R-PLACE1008405//Human cosmidCRI-JC2015 at D10S289 in 10sp13.//6.8e-22:328:71//U15177

20 R-PLACE1008424

R-PLACE1008426//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 7/11.//7.5e-101:505:96//AB020864

25 R-PLACE1008429//Human DNA sequence from clone 20J23 on chromosome Xq26.2-27.2 Contains ras-related C3 botulinum toxin substrate 1 (P21-RAC1) (ras-like protein TC25) EST, CA repeat, STS, CpG island, complete sequence.//1.2e-11:118:78//AL022576

30 R-PLACE1008437//H.sapiens genomic DNA (PAC 838L14) from chromosome 11, WORKING DRAFT SEQUENCE.//2.2e-06:159:69//Y12335

35 R-PLACE1008455

40 R-PLACE1008457//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//1.2e-109:588:93//AC004526

R-PLACE1008465//CIT978SK-A-28A11.TVE CIT978SK Homo sapiens genomic clone A-28A11, genomic survey sequence.//1.1e-10:133:77//B78696

45 R-PLACE1008488

50 R-PLACE1008524//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34B21, WORKING DRAFT SEQUENCE.//7.3e-120:612:95//AL031778

R-PLACE1008531//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete cds.//8.5e-96:510:93//AF045555

55 R-PLACE1008532

R-PLACE1008533

EP 1 074 617 A2

5 R-PLACE1008568//HS_3218_B2_D08_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3218 Col=16 Row=H, genomic survey
sequence.//0.0042:295:62//AQ214623

10 R-PLACE1008584//Human PAC clone DJ0596009 from 7p15, complete sequence.//5.0e-26:
254:66//AC003074

R-PLACE1008621//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete
sequence.//4.0e-78:498:86//AC006120

15 R-nnnnnnnnnnnn

R-PLACE1008626//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
97P20, WORKING DRAFT SEQUENCE.//5.5e-06:228:67//AL031297

20 R-PLACE1008627//Cricetulus griseus mRNA for Zn finger factor.//3.4e-20:335:71//Y12836

R-PLACE1008629//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12
25 unordered pieces.//0.55:326:58//AC004826

R-PLACE1008630//Homo sapiens genomic DNA, 21q region, clone: B175P11X96, genomic
survey sequence.//0.13:440:55//AG011096

30 R-PLACE1008643//Human BAC clone RG083J23 from 7q31, complete sequence.//1.3e-58:
356:82//AC004001

35 R-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete
cds.//2.4e-88:434:97//AF044333

R-PLACE1008693//CIT-HSP-2025M9.TR CIT-HSP Homo sapiens genomic clone 2025M9,
40 genomic survey sequence.//1.2e-41:300:82//B64742

R-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa
subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds.//4.8e-
45 31:320:75//AF038406

R-PLACE1008715//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
799N4, WORKING DRAFT SEQUENCE.//0.074:478:58//AL022147

50 R-PLACE1008748//CIT-HSP-2170P12.TR CIT-HSP.Homo sapiens genomic clone 2170P12,
genomic survey sequence.//8.5e-42:160:86//B90841

55 R-PLACE1008757//Homo sapiens 12q24.2 PAC RPCI4-765H13 (Roswell Park Cancer
Institute Human PAC Library) complete sequence.//0.99:211:61//AC005864

EP 1 074 617 A2

R-PLACE1008790//Rattus norvegicus clone1 polymeric immunoglobulin receptor mRNA 3' untranslated region, GA rich region, and microsatellites with GGA-triplet and GAA-triplet repeats.//0.052:108:68//U00762

5

R-PLACE1008798//Homo sapiens full-length insert cDNA clone YZ86C05.//7.7e-58:285:100//AF086088

10

R-PLACE1008807//CIT-HSP-2366014.TR CIT-HSP Homo sapiens genomic clone 2366O14, genomic survey sequence.//3.5e-35:223:89//AQ079210

15

R-PLACE1008808//Homo sapiens exonuclease homolog RAD1 (RAD1) mRNA, complete cds.//2.3e-97:499:95//AF030933

20

R-PLACE1008813//Rattus norvegicus rsec15 mRNA, complete cds.//9.7e-45:394:78//AF032668

R-PLACE1008851//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.9e-28:207:87//AC004581

25

R-nnnnnnnnnnnn//CIT-HSP-2172B3.TF CIT-HSP Homo sapiens genomic clone 2172B3, genomic survey sequence.//8.9e-30:166:97//B93289

30

R-PLACE1008867//Homo sapiens BAC clone RG054D04 from 7q31, complete sequence.//3.5e-76:404:95//AC005058

35

R-PLACE1008887//Homo sapiens clone DJ0943F02, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.7e-37:585:67//AC004932

R-PLACE1008902//Homo sapiens chromosome Y, clone hCIT.494_G_17, complete sequence.//0.0022:409:60//AC005820

40

R-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds.//8.2e-55:344:89//AB018308

45

R-PLACE1008925//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y53F4, WORKING DRAFT SEQUENCE.//0.0014:398:58//Z92860

R-PLACE1008934

50

R-PLACE1008941//Homo sapiens chromosome 17, clone hRPK.293_K_20, complete sequence.//9.8e-84:429:92//AC005495

55

R-PLACE1008947

R-PLACE1009020

EP 1 074 617 A2

R-PLACE1009027//Human DNA sequence from clone 914P14 on chromosome Xq23
Contains calpain-like protease gene, DCX (doublecortin) ESTs, CA repeat, GSS, complete
sequence.//1.3e-82:434:95//AL031117

5

R-PLACE1009039//Human DNA sequence from clone 276K20 on chromosome 6p22.1-22.3.
Contains STSs, GSSs and a putative CpG island, complete sequence.//0.00010:297:
58//AL031391

10

R-PLACE1009045//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete
sequence.//2.9e-06:160:70//AC004707

15

R-PLACE1009048//Human DNA sequence from clone 511E16 on chromosome 6p24.3-25.1.
Contains the last coding exon of the gene for P18 component of aminoacyl-tRNA synthetase
complex, part of an unknown gene downstream of a putative CpG island, and an STS with a
CA repeat polymorphism, complete sequence.//1.3e-16:339:66//AL023694

20

R-PLACE1009050//Aedes aegypti gene sequence, primary transcript.//0.40:393:59//L17023

25

R-PLACE1009060//Mus musculus mRNA for Alix-SF (ALG-2-interacting protein X, short form,
complete CDS.//0.00075:79:83//AJ005074

30

R-PLACE1009090//Homo sapiens chromosome 1, BAC CIT-HSP-292g8 (BC262482),
complete sequence.//6.7e-13:212:73//AC004783

R-PLACE1009094//Caenorhabditis elegans cosmid C49F8, complete sequence.//0.49:221:
61//Z70206

35

R-PLACE1009099

40

R-PLACE1009110//Homo sapiens Xp22 BAC GS-321G17 (Genome Systems Human BAC
library) complete sequence.//5.1e-17:301:66//AC004025

R-PLACE1009111//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic
sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//1.2e-06:234:61//AC005140

45

R-PLACE1009130//Plasmodium falciparum MAL3P6, complete sequence.//7.5e-06:426:
58//Z98551

50

R-PLACE1009150//Homo sapiens *** SEQUENCING IN PROGRESS ***, WORKING DRAFT
SEQUENCE.//2.3e-118:614:95//AJ011929

55

R-PLACE1009155//Homo sapiens genomic DNA, chromosome 21q11.1, segment 2/28,
WORKING DRAFT SEQUENCE.//1.4e-107:584:93//AP000031

R-PLACE1009158//Homo sapiens full-length insert cDNA clone YP10D03.//1.9e-105:539:
95//AF085876

EP 1 074 617 A2

- 5 R-PLACE1009166//Homo sapiens chromosome 17, clone hRPK.180_P_8, complete sequence.//2.8e-44:360:71//AC005972
- R-PLACE1009172//Human cosmid QLL2C9 from Xq28.//4.1e-37:401:74//Z47046
- 10 R-PLACE1009174//Homo sapiens PAC clone DJ0907C10 from 7q31-3q32, complete sequence.//2.1e-17:140:81//AC004925
- 15 R-PLACE1009183//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5') two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and STSs, complete sequence.//1.9e-46:572:69//Z84480
- 20 R-PLACE1009186//Human Chromosome X, complete sequence.//0.016:322:61//AC004070
- R-PLACE1009190//Plasmodium falciparum MAL3P8, complete sequence.//0.050:487:58//AL034560
- 25 R-PLACE1009200//H.sapiens mRNA for sortilin.//1.0e-31:195:92//X98248
- R-PLACE1009230//Homo sapiens chromosome 19, CIT-HSP BAC 490g23 (BC338531), complete sequence.//1.8e-75:364:85//AC005392
- 30 R-PLACE1009246//Cricetulus griseus SRD-2 mutant sterol regulatory element binding protein-2 (SREBP-2) mRNA, complete cds.//6.6e-44:525:71//U22818
- 35 R-PLACE1009308
- R-PLACE1009319//Homo sapiens 12q13.1 PAC RPCI1-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.00010:132:75//AC004801
- 40 R-PLACE1009328//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//3.3e-87:576:85//AC006120
- 45 R-PLACE1009335//Borrelia burgdorferi (section 62 of 70) of the complete genome.//0.32:315:60//AE001176
- 50 R-PLACE1009338//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//6.8e-05:411:59//AC005140
- R-PLACE1009368//Homo sapiens PAC clone DJ1179J19 from 7q11.23-q21, complete sequence.//0.00040:280:61//AC004989
- 55 R-PLACE1009375//D. yakuba mitochondrial DNA for origin of replication, small ribosomal RNA , transfer RNAs tRNA-fMet, tRNA-Gln, tRNA-Ile and tRNA-Val.//1.1e-08:444:60//X05915

EP 1 074 617 A2

R-PLACE1009388

5 R-PLACE1009398//Homo sapiens BAC clone GS011E15 from 5q31, complete
sequencer.//0.065:279:61//AC002427

10 R-nnnnnnnnnnnn//Homo sapiens clone NH0486I22, WORKING DRAFT SEQUENCE, 5
unordered pieces.//1.0e-06:253:64//AC005038

15 R-PLACE1009410//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete
sequence.//9.8e-112:561:96//AC005919

R-PLACE1009434//Human DNA sequence from clone 459L4 on chromosome 6p22.3-24.1
Contains EST, STS, GSS, complete sequence.//2.2e-21:126:79//AL031120 R-
20 PLACE1009443//Homo sapiens nucleolar protein Nop30 and cytoplasmic protein Myp (NOP)
gene, alternatively spliced products, complete cds.//4.5e-14:117:91//AF064598

25 R-PLACE1009444//Homo sapiens phosphatidylinositol 4-kinase mRNA, complete
cds.//9.6e-85:479:90//L36151

R-PLACE1009459

30 R-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1, complete
sequence.//5.6e-101:540:94//AC004531

35 R-PLACE1009477//Homo sapiens, clone hRPK.15_A_1, complete sequence.//3.4e-46:284:
91//AC006213

R-PLACE1009493//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete
sequence.//5.5e-107:581:92//U91321

40 R-PLACE1009524//Homo sapiens DNA sequence from PAC 63G5 on chromosome-
22q12.3-13.1. Contains part of a gene for a human SEC7 homolog B2-1 (cytohesin-2, Arno,
ARF exchange factor) LIKE protein, an unknown gene and a gene coding for a Leucine rich
45 protein. Contains ESTs, STSs and GSSs, complete sequence.//0.74:301:61//Z94160

R-PLACE1009539//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
167A19, WORKING DRAFT SEQUENCE.//5.7e-29:357:74//AL031427

50 R-PLACE1009542//CIT-HSP-2166P10.TRB CIT-HSP Homo sapiens genomic clone
2166P10, genomic survey sequence.//2.6e-10:145:75//B89614

55 R-PLACE1009571//RPCI11-61J16.TK RPCI11 Homo sapiens genomic clone R-61J16,
genomic survey sequence.//0.016:68:80//AQ202146

R-PLACE1009581

EP 1 074 617 A2

- 5 R-PLACE1009595//Homo sapiens clone DJ56J10, complete sequence.//1.8e-38:365:79//AC005006
- R-PLACE1009596//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 501A4, WORKING DRAFT SEQUENCE.//1.2e-29:314:76//Z98051
- 10 R-PLACE1009607//cSRL-77g9-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-77g9, genomic survey sequence.//2.1e-05:142:69//B06230
- 15 R-PLACE1009613//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-89, complete sequence.//3.6e-08:434:59//AL010266
- R-PLACE1009621//Sequence 50 from patent US 5691147.//1.5e-20:235:73//I76222
- 20 R-PLACE1009622//CIT-HSP-2023D13.TFB CIT-HSP Homo sapiens genomic clone 2023D13, genomic survey sequence.//0.72:176:62//B81271
- 25 R-PLACE1009637//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.0068:396:59//X95276
- R-PLACE1009639//Arabidopsis thaliana DNA chromosome 4, BAC clone F10M6 (ESSAll project).//0.013:521:58//AL021811
- 30 R-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds.//1.0e-107:589:92//AB011159
- 35 R-PLACE1009665//Human PAC clone DJ0658N05 from 7p21, complete sequence.//8.4e-72:487:85//AC003075
- 40 R-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds.//2.0e-61:310:97//AF062534
- 45 R-PLACE1009708//Homo sapiens clone DJ0935K16, complete sequence.//2.8e-103:542:94//AC006011
- R-PLACE1009721//Human Cosmid g0771a222 from 7q31.3, complete sequence.//4.6e-85:518:88//AC000109
- 50 R-PLACE1009731//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs, complete
- 55 sequence.//0.0033:215:65//AL022398
- R-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds.//6.2e-116:598:

EP 1 074 617 A2

95//AF046024

R-PLACE1009794

5

R-nnnnnnnnnnn//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, Cl-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs, an STS and GSSs, complete sequence.//7.5e-88:191:96//AL030996

10

15

R-PLACE1009845//Homo sapiens DNA sequence from PAC 234H5 on chromosome 6q21. Contains an unknown gene, ESTs and STSs, complete sequence.//8.7e-19:226:69//Z98172

20

R-PLACE1009879//Homo sapiens genomic DNA, 21q region, clone: 149C3A68, genomic survey sequence.//2.1e-29:230:76//AG002672

25

R-PLACE1009886//Homo sapiens PAC clone DJ0997N05 from 7q11.23-q21.1, complete sequence.//0.99:203:61//AC004945

R-PLACE1009888//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//5.3e-91:577:88//AC006116

30

R-nnnnnnnnnnn

35

R-PLACE1009921//Homo sapiens cosmid clone HDAB (1S149) insert DNA, complete cosmid.//4.7e-81:385:84//M63005

40

R-PLACE1009924//HS_3151_B1_B10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3151 Col=19 Row=D, genomic survey sequence.//5.5e-47:240:99//AQ167412

45

R-PLACE1009925//CIT978SK-A-931F6.TV CIT978SK Homo sapiens genomic clone A-931F6, genomic survey sequence.//0.00010:159:68//B51673

50

R-PLACE1009935//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.081:238:65//AC005308

R-PLACE1009947//Homo sapiens PAC clone 248015 from 13q12-q13, complete sequence.//1.0:353:58//AC002483

55

R-PLACE1009971//Homo sapiens full-length insert cDNA clone ZD38E12.//3.7e-11:152:75//AF086247

R-PLACE1009992

EP 1 074 617 A2

R-PLACE1009995//Plasmodium falciparum chromosome 2, section 4 of 73 of the complete sequence.//0.0019:305:61//AE001367

5 R-PLACE1009997//Homo sapiens chromosome 10 clone CIT987SK-1175G20 map 10q25.2-10q25.3, complete sequence.//1.8e-43:462:76//AC005874

10 R-PLACE1010023//HS_3018_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=19 Row=P, genomic survey sequence.//0.00013:198:63//AQ093513

15 R-PLACE1010031//Human DNA sequence from clone 30M3 on chromosome 6p22.1-22.3. Contains three novel genes, one similar to C. elegans Y63D3A.4 and one similar to (predicted) plant, worm, yeast and archaea bacterial genes, and the first exon of the KIAA0319 gene. Contains ESTs, GSSs and putative CpG islands, complete sequence.//7.4e-115:581:96//AL031775

20 R-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein.//1.9e-05:136:74//X84692

25 R-PLACE1010069//CIT-HSP-2328B12.TF CIT-HSP Homo sapiens genomic clone 2328B12, genomic survey sequence.//2.6e-60:324:94//AQ042094

30 R-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//4.6e-87:543:88//AF065482

35 R-PLACE1010076//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0473M13; HTGS phase 1, WORKING DRAFT SEQUENCE, 4 unordered pieces.//6.3e-08:489:58//AC005699

R-PLACE1010083

40 R-PLACE1010089//F19F22-Sp6 IGF Arabidopsis thaliana genomic clone F19F22, genomic survey sequence.//0.14:400:59/B10583

45 R-PLACE1010096//R.norvegicus mRNA for 100 kDa protein.//4.3e-91:562:87//X64411

R-PLACE1010102//Apis mellifera tRNA-Leu cytochrome oxidase II intergenic spacer region, mitochondrial sequence.//1.5e-08:357:60//AF039556

50 R-PLACE1010105//Plasmodium falciparum chromosome 2, section 11 of 73 of the complete sequence.//4.0e-09:510:59//AE001374

55 R-PLACE1010106//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//1.4e-12:194:73//Z98304

R-PLACE1010134

EP 1 074 617 A2

- 5 R-PLACE1010148//HS_3128_A1_D09_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3128 Col=17 Row=G, genomic survey sequence.//0.17:
281:61//AQ140790
- 10 R-PLACE1010152//Mouse mRNA for arylhydrocarbon receptor, complete cds.//3.1e-45:351:
81//D38417
- R-PLACE1010181//Homo sapiens clone DJ0914M06, WORKING DRAFT SEQUENCE, 1
unordered pieces.//3.6e-06:207:66//AC004928
- 15 R-PLACE101019411HS_2232_B1_H10_MR CIT Approved Human Genomic Sperm Library
D. Homo sapiens genomic clone Plate=2232 Col=19 Row=P, genomic survey
sequence.//2.4e-08:134:74//AQ185425
- 20 R-PLACE1010202//Human DNA sequence from clone 227L5 on chromosome Xp11.22-11.3.
Contains a Keratin, Type 1 Cytoskeletal 18 (KRT18, CYK18, K18, CK18) pseudogene and an
STS, complete sequence.//0.00035:383:61//AL031585
- 25 R-PLACE1010231//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
287G14, WORKING DRAFT SEQUENCE.//1.2e-95:519:94//AL033377
- R-PLACE1010261
- 30 R-PLACE1010270//H.sapiens CpG island DNA genomic Mse1 fragment, clone 85a6, reverse
read cpg85a61rt1a.//0.068:171:63//Z63482
- 35 R-PLACE1010274//S.douglasii gene for cytochrome b.//4.5e-07:276:63//X59280
- R-PLACE1010293//Homo sapiens chromosome 2 PAC RPCI3-417E16 (Roswell Park
Cancer Institute Human PAC library) complete sequence.//4.7e-91:522:90//AC004464
- 40 R-PLACE1010321
- R-PLACE1010324//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from
clone Y38E10, WORKING DRAFT SEQUENCE.//5.7e-08:484:57//AL021149
- 45 R-PLACE1010329//Homo sapiens Chromosome 22q11.2 Cosmid Clone 50d10 In IGLC
Region, complete sequence.//7.9e-35:328:79//AC000024
- 50 R-PLACE1010341//Homo sapiens clone DJ1125K23, WORKING DRAFT SEQUENCE, 21
unordered pieces.//1.3e-31:418:66//AC004971
- 55 R-PLACE1010362
- R-PLACE1010364//Mus cookii mitochondrion DNA fragment.//0.23:162:64//M77098

EP 1 074 617 A2

- 5 R-PLACE1010383//Homo sapiens chromosome 17, clone hCIT.186_H_2, complete sequence.//1.4e-105:543:95//AC004675
- R-PLACE1010401//Human Chromosome 15q11-q13 PAC clone pDJ223c9 from the Prader-Willi/Angelman Syndrome region, complete sequence.//0.00017:268:62//AC004137
- 10 R-PLACE1010481//Bos taurus C5-glucuronyl epimerase mRNA, partial cds.//8.6e-79:556:83//AF003927
- 15 R-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds.//7.3e-88:438:96//AF039081
- 20 R-PLACE1010492//HS_3169_B2_B04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3169 Col=8 Row=D, genomic survey sequence.//0.98:171:63//AQ169892
- 25 R-PLACE1010522//WORKING DRAFT SEQUENCE, 6 unordered pieces.//0.34:407:62//AC006082
- R-nnnnnnnnnnnnn
- 30 R-PLACE1010562//CITBI-E1-2503B16.TF CITBI-E1 Homo sapiens genomic clone 2503B16, genomic survey sequence.//6.4e-17:152:84//AQ265929
- 35 R-PLACE1010579//Torulopsis glabrata mitochondrial gene for ribosomal protein varl.//1.7e-05:271:65//X02893
- R-PLACE1010580
- 40 R-PLACE1010599
- R-PLACE1010616//Human BAC clone RG343P13 from 7q31, complete sequence.//3.0e-13:151:75//AC002465
- 45 R-PLACE1010622//Arabidopsis thaliana BAC F1104.//0.00031:366:60//AF096370
- R-PLACE1010624//Homo sapiens chromosome 7q22 sequence, complete sequence.//8.2e-34:322:79//AF053356
- 50 R-PLACE1010628//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//2.3e-97:515:94//AC004846
- 55 R-PLACE1010629//HS_3003_A2_C08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3003 Col=16 Row=E, genomic survey sequence.//5.6e-60:321:95//AQ130493

EP 1 074 617 A2

- 5 R-PLACE1010630//Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence.//0.051:372:59//AE001382
- R-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds.//2.6e-92:497:93//AB011102
- 10 R-PLACE1010661//CIT-HSP-2008K15.TR CIT-HSP Homo sapiens genomic clone 2008K15, genomic survey sequence.//5.7e-27:160:95//B57089
- 15 R-PLACE1010662//Caenorhabditis elegans cosmid C12C8, complete sequence.//9.4e-09:151:73//Z81467
- R-PLACE1010702//CIT-HSP-2314C3.TR CIT-HSP Homo sapiens genomic clone 2314C3, genomic survey sequence.//1.3e-90:459:96//AQ028536
- 20 R-PLACE1010714//Saccharomyces douglasii mitochondrial tRNA-Ser and tRNA-Phe genes, partial sequence, and Var1p (var1) gene, mitochondrial gene encoding mitochondrial protein, complete cds.//5.3e-08:478:58//U49822
- 25 R-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds.//3.8e-55:300:95//AF092564
- 30 R-PLACE1010739//Human DNA sequence from clone 393P23 on chromosome Xq21.1-21.33. Contains GSSs, complete sequence.//3.4e-89:507:90//Z95400
- 35 R-PLACE1010743
- R-PLACE1010761//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//3.0e-103:511:97//AC005921
- 40 R-PLACE1010771
- R-PLACE1010786
- 45 R-PLACE1010800//Homo sapiens clone NH0084K19, WORKING DRAFT SEQUENCE, 30 unordered pieces.//1.8e-43:545:71//AC005682
- 50 R-PLACE1010802//Phoebis agarithe large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs.//1.9e-09:492:59//AF044862
- 55 R-PLACE1010811//Homo sapiens Xp22 BAC GSHB-257G1 (Genome Systems BAC Library) complete sequence.//0.041:415:59//AC002524
- R-PLACE1010833

EP 1 074 617 A2

- 5 R-PLACE1010856//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.0022:512:55//AC004153
- 10 R-PLACE1010857//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer , segment 11/11//4.9e-85:507:90//AB020868
- 15 R-PLACE1010870//RPC111-59K21:TK RPC111 Homo sapiens genomic clone R-59K21, genomic survey sequence.//8.2e-85:422:97//AQ195697
- 20 R-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds.//7.0e-100:501:96//AB011182
- 25 R-PLACE1010891//Homo sapiens chromosome X, clone 592, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.10:162:61//AC002489
- 30 R-PLACE1010896//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00032:409:59//AC005505
- 35 R-PLACE1010900//Homo sapiens DNA, trinucleotide repeats region.//3.2e-07:180:71//AB018488
- 40 R-PLACE1010916//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.041:205:60//AL034557
- 45 R-PLACE1010917
- 50 R-PLACE1010925//HS_2027_B2_B09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2027 Col=18 Row=D, genomic survey sequence.//1.6e-46:404:77//AQ247031
- 55 R-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds.//4.2e-65:402:89//AB011126
- R-nnnnnnnnnnnn//Homo sapiens intersectin short form mRNA, complete cds.//1.9e-80:441:93//AF064243
- R-PLACE1010944
- R-PLACE1010947//D.discoideum rasG gene.//0.00044:181:65//Z11533
- R-PLACE1010954//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//3.0e-51:518:74//AC005077
- R-PLACE1010960//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone

EP 1 074 617 A2

451B21, WORKING DRAFT SEQUENCE.//0.022:292:63//AL033522

- 5 R-PLACE10110965//Human mariner1 transposase gene, complete consensus sequence.//1.0e-64:444:84//U52077
- 10 R-PLACE1011026//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//0.59:345:61//AJ235272
- 15 R-PLACE1011032//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//0.62:82:75//Z93242
- 20 R-PLACE1011041//H.sapiens DNA sequence.//0.051:162:66//Z22248
- 25 R-nnnnnnnnnnn//Homo sapiens mRNA for KIAA0581 protein, partial cds.//2.9e-100:563:91//AB011153
- 30 R-PLACE1011054//Human DNA sequence from PAC 46H23, BRCA2 gene region chromosome 13q12-13 contains Klotho, ESTs.//4.7e-29:280:73//Z84483
- 35 R-PLACE1011056//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING DRAFT SEQUENCE.//1.7e-39:288:84//Z97985
- 40 R-PLACE1011057//CIT-HSP-2014F10.TF CIT-HSP Homo sapiens genomic clone 2014F10, genomic survey sequence.//2.4e-60:370:90//B58896
- 45 R-PLACE1011090//Homo sapiens chromosome 4 clone B200N5 map 4q25, complete sequence.//0.12:489:59//AC005509
- 50 R-PLACE1011109//Homo sapiens chromosome Y, clone 486, O, 2, complete sequence.//8.4e-43:427:76//AC002531
- 55 R-PLACE1011114//Homo sapiens mRNA from HIV associated non-Hodgkin's lymphoma (clone hl1-14).//1.7e-29:179:94//Y16709
- R-PLACE1011133//HS-1058-B1-H02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 780 Col=3 Row=P, genomic survey sequence.//1.0:133:63//44006
- R-PLACE1011143//H.sapiens CpG island DNA genomic Mse1 fragment, clone 127a4, forward read cpg127a4.ft1a.//1.0:127:67//Z56550
- R-PLACE1011160//Homo sapiens HRIHFB2038 mRNA, partial cds.//2.4e-95:534:91//AB015333
- R-PLACE1011165//Human Cosmid g5129s232 from 7q31.3, complete sequence.//0.47:355:58//AC003968

EP 1 074 617 A2

- 5 R-PLACE1011185//Homo sapiens clone DJ0038I10, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.3e-26:403:70//AC004820
- R-PLACE1011203//paramecium species 4.51er mt dna dimer: replication init. region, clone 1.//1.0e-10:379:60//K00908
- 10 R-PLACE1011219//HS_3036_B1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3036 Col=15 Row=L, genomic survey sequence.//2.6e-39:253:88//AQ104587
- 15 R-PLACE1011221//Homo sapiens T-cell receptor alpha delta locus from bases 250472 to 501670 (section 2 of 5) of the Complete Nucleotide Sequence.//0.32:279:60//AE000659
- 20 R-PLACE1011229//HS_3002_B1_E10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3002 Col=19 Row=J, genomic survey sequence.//9.3e-31:317:74//AQ303626
- 25 R-PLACE1011263//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//1.2e-109:571:94//AC005014
- 30 R-PLACE1011273//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, complete cds.//0.00027:337:61//M97514
- R-PLACE1011291
- 35 R-PLACE1011296//H.sapiens steroid reductase pseudogene.//4.2e-37:326:80//M68887
- R-PLACE1011310//H.sapiens 5' flanking sequence of gene for corticotropin.//0.0017:416:60//X67661
- 40 R-PLACE1011325//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.3.0e-10:511:59//AE001398
- 45 R-PLACE1011332//Homo sapiens chromosome 17, clone HCIT3L16, WORKING DRAFT SEQUENCE, 7 unordered pieces.//8.3e-06:250:64//AC002344
- 50 R-PLACE1011340//Human BAC clone RG341D10 from 7p15-p21, complete sequence.//0.67:290:58//AC002530
- 55 R-PLACE1011375//Mus musculus Kv3.4 gene, exon 4.//6.8e-23:190:86//AJ010310
- R-PLACE1011399//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.22:359:60//AC005140
- R-PLACE1011419//Human DNA sequence from cosmid U90B3, on chromosome Xp11,

EP 1 074 617 A2

contains ESTs.//5.1e-32:282:81//Z74022

5 R-nnnnnnnnnnn//Homo sapiens mRNA for KIAA0530 protein, partial cds.//1.5e-112:600:94//AB011102

10 R-PLACE1011452//Homo sapiens clone DJ0945F02, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.9e-77:303:85//AC006013

R-PLACE1011465

15 R-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds.//7.9e-103:515:96//AB018255

20 R-PLACE1011492//A-837A4.TP CIT978SK Homo sapiens genomic clone A-837A4, genomic survey sequence.//6.5e-37:234:82//B14085

R-PLACE1011503//Homo sapiens chromosome 17, clone hRPC.1171_I_10, complete sequence.//0.99:267:60//AC004687

25 R-PLACE1011520//Homo sapiens clone DJ1119N05, complete sequence.//2.0e-116:591:96//AC004968

30 R-PLACE1011563//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.2e-13:566:59//AC004688

35 R-PLACE1011567//Plasmodium-falciparum MAL3P6, complete sequence.//0.62:358:61//Z98551

R-PLACE1011576//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//8.7e-45:400:78//AC003973

40 R-PLACE1011586//Homo sapiens chromosome 17, clone HRPC890E16, complete sequence.//2.2e-59:338:93//AC004477

45 R-PLACE1011635//C.pasteurianum pfl gene and act gene.//0.71:288:60//X93463

R-PLACE1011641//Mycoplasma genitalium random genomic clone sg11, partial cds.//0.023:232:60//U02205

50 R-PLACE1011643//Homo sapiens chromosome 19, cosmid R33590, complete sequence.//1.4e-21:432:67//AC005620

55 R-PLACE1011649//Homo sapiens clone 24432 mRNA sequence.//7.8e-72:414:91//AF070535

R-PLACE1011650//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//5.1e-

EP 1 074 617 A2

27:174:79//AC002477

- 5 R-PLACE1011664//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone.
460D19, WORKING DRAFT SEQUENCE.//7.4e-05:238:65//AL031905
- 10 R-PLACE1011675//CIT-HSP-2370M16.TR CIT-HSP Homo sapiens genomic clone 2370M16,
genomic survey sequence.//1.3e-27:233:81//AQ108283
- 15 R-PLACE1011682//H.sapiens HLA-DMB gene.//2.3e-22:390:67//X76776
- 20 R-PLACE1011719//Homo sapiens 12q24.2 BAC RPC111-360E11 (Roswell Park Cancer
Institute Human BAC Library) complete sequence.//3.1e-24:409:66//AC004806
- 25 R-PLACE1011725//Homo sapiens unknown mRNA downregulated by induced differentiation
with 13-cis retinoic acid.//0.13:143:65//AF026526
- 30 R-PLACE1011729//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
Y738F9, WORKING DRAFT SEQUENCE.//1.1e-15:157:82//AL022345
- 35 R-PLACE1011749//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5
unordered pieces.//1.5e-38:314:81//AC005089
- 40 R-PLACE1011762//Homo sapiens BAC clone RG067E13 from 7q21, complete
sequence.//1.9e-35:538:68//AC002383
- 45 R-PLACE1011778//CIT-HSP-2326C17.TV CIT-HSP Homo sapiens genomic clone 2326C17,
genomic survey sequence.//2.8e-58:346:91//AQ028782
- 50 R-PLACE1011783//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
229A8, WORKING DRAFT SEQUENCE.//4.6e-38:288:84//Z86090
- 55 R-PLACE1011858//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3
Contains EST, GSS, complete sequence.//4.1e-104:524:97//AL031321
- R-PLACE1011874//Homo Sapiens Chromosome X clone bW XD312, complete
sequence.//2.1e-100:511:95//AC004478
- R-PLACE1011875
- R-PLACE1011891//Human lens membrane protein (mp19) gene, exon 11.//0.0011:195:
64//L04193
- R-PLACE1011896//Homo sapiens DNA sequence from PAC 434014 on chromosome
1q32.3.-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the
ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon
Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs, complete

EP 1 074 617 A2

sequence.//0.010:110:74//AL022398

5 R-PLACE1011922//Homo sapiens chromosome 21q22.3 PAC 171F15, complete
sequence.//3.5e-10:152:74//AF042090

10 R-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds.//7.0e-98:
546:92//AF059617

R-PLACE1011962//CIT-HSP-2294L24.TF CIT-HSP Homo sapiens genomic clone 2294L24,
genomic survey sequence.//0.31:131:63//AQ006352

15 R-PLACE1011964//Homo sapiens chromosome 17, clone HRPC987K16, complete
sequence.//2.5e-08:393:63//AC002994

20 R-PLACE1011982//Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MDJ14,
complete sequence.//9.6e-09:463:62//AB016889

25 R-PLACE1011995//Human Down Syndrome region of chromosome 21, clone A12H1-
2H4.//2.7e-39:294:82//U44738

R-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds.//2.5e-104:540:
95//AB018256

30 R-PLACE2000003//Human PAC clone DJ404F18 from Xq23, complete sequence.//4.9e-10:
439:63//AC004000

35 R-PLACE2000007//Human fibroblast growth factor receptor 3 (FGFR3) gene, intron 3.//1.0:
151:66//L78722

40 R-PLACE2000011//Homo sapiens clone 614 unknown mRNA, complete sequence.//1.5e-
103:524:95//AF091080

R-PLACE2000015//Homo sapiens PAC clone DJ269005 from Xq23, complete
sequence.//0.94:372:57//AC005191

45 R-PLACE2000017//Homo sapiens chromosome 17, clone hCIT.162_E_12, complete
sequence.//3.0e-55:299:86//AC006236

50 R-PLACE2000021//CIT-HSP-2343C18.TR CIT-HSP Homo sapiens genomic clone 2343C18,
genomic survey sequence.//4.5e-54:295:94//AQ058140

55 R-PLACE2000033//H.sapiens gene for mitochondrial ATP synthase c subunit (P1 form)
//6.5e-38:298:82//X69907

R-PLACE2000034//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4
unordered pieces.//5.3e-34:200:79//AC005628

EP 1 074 617 A2

- 5 R-PLACE2000039//Homo sapiens BAC clone RG060N22 from 7q21, complete sequence.//1.8e-49:274:89//AC003083
- R-PLACE2000047//CIT-HSP-2373C2.TR CIT-HSP Homo sapiens genomic clone 2373C2, genomic survey sequence.//1.8e-48:389:79//AQ112243
- 10 R-PLACE2000050//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 117715, WORKING DRAFT SEQUENCE.//0.0027:95:76//AL022315
- 15 R-PLACE2000061//Homo sapiens mRNA for KIAA0575 protein, complete cds.//2.9e-39:429:72//AB011147
- R-PLACE2000062//Homo sapiens clone DJ0539M06, WORKING DRAFT SEQUENCE, 10 unordered pieces.//5.9e-40:310:84//AC004832
- 20 R-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//1.9e-109:550:95//AF027219
- 25 R-PLACE2000097//Homo sapiens chromosome 12p13.3 clone RPC11-189M20, WORKING DRAFT SEQUENCE, 39 unordered pieces.//1.6e-106:553:95//AC005910
- 30 R-PLACE2000100//Human DNA sequence from clone 301K23 on chromosome 1p35.1-36.21. Contains the 5' part of a novel gene similar to predicted yeast and worm genes. Contains ESTs and GSSs, complete sequence.//1.8e-38:285:84//AL031730
- 35 R-PLACE2000103//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20208, WORKING DRAFT SEQUENCE.//4.3e-113:559:97//AL031848
- 40 R-PLACE2000111//Rat MLC1V gene encoding alkali myosin ventricel light chain, exon 1.//0.00041:347:61//X16325
- R-PLACE2000115//Cervus elaphus MHC class II DRB pseudogene, intron 2 microsatellite.//0.50:165:63//U63067
- 45 R-PLACE2000132
- R-PLACE2000136//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-30, complete sequence.//0.0032:310:61//AL008974
- 50 R-PLACE2000140//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 11703, WORKING DRAFT SEQUENCE.//1.1e-111:566:96//AL020995
- 55 R-PLACE2000164
- R-PLACE2000170//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4,

EP 1 074 617 A2

BAC clone C0024K08; HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.9e-40:390:76//AC005598

5 R-PLACE2000172

R-PLACE2000176

10 R-PLACE2000187//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 268H5, WORKING DRAFT SEQUENCE.//8.7e-45:298:87//AL008718

15 R-PLACE2000216//Dog nonerythroid beta-spectrin mRNA, 3' end.//5.6e-88:495:92//L02897

R-PLACE2000223

20 R-PLACE2000235//HS_3159_B1_B06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3159 Col=11 Row=D, genomic survey sequence.//1.8e-88:454:96//AQ179271

25 R-PLACE2000246//Homo sapiens chromosome 3p clone RPCI4-544D10, WORKING DRAFT SEQUENCE, 58 unordered pieces.//9.1e-41:282:86//AC005902

30 R-PLACE2000264//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence.//8.3e-35:305:80//Z97181

35 R-PLACE2000274//Human Chromosome 16 BAC clone CIT987SK-A-211C6, complete sequence.//3.5e-18:325:67//AC002394

R-PLACE2000302//Homo sapiens chromosome 17, clone HRPC1067M6, complete sequence.//1.5e-39:287:85//AC003043

40 R-PLACE2000305//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 16915, WORKING DRAFT SEQUENCE.//1.2e-43:295:85//Z93015

45 R-PLACE2000317//Human DNA sequence from clone 245G19 on chromosome Xp22.11-22.2 Contains serine-threonine kinase (Tpx3) gene, a pseudogene similar to ALPHA-1 PROTEIN ((CONNEXIN 43, CX43, GAP JUNCTION 43 KD HEART PROTEIN)), and the 3' end of the RS1 (X-linked juvenile retinoschisis precursor protein) gene. Contains ESTs, STSs and GSSs, complete sequence.//4.0e-05:284:65//Z92542

50 R-PLACE2000335//Homo sapiens clone DJ0755D09, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.5e-26:334:70//AC006147

55 R-PLACE2000342//Fugu rubripes cosmid 258N02 containing IGFII, TH, NAP2 genes.//4.0e-05:254:64//AL021880

EP 1 074 617 A2

R-PLACE2000347//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 799N4, WORKING DRAFT SEQUENCE.//1.6e-82:504:88//AL022147

5 R-PLACE2000359//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 40E16, WORKING DRAFT SEQUENCE.//2.0e-36:314:80//AL031963

10 R-PLACE2000366//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 796F18, WORKING DRAFT SEQUENCE.//2.0e-48:389:80//AL031291

R-PLACE2000371

15 R-PLACE2000373//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 324M8, WORKING DRAFT SEQUENCE.//0.61:231:61//AL008734

20 R-PLACE2000379//Homo sapiens clone DJ0892G19, complete sequence.//3.5e-11:287:67//AC004917

25 R-PLACE2000394//Human DNA sequence from clone 465N24 on chromosome 1p35.1-36.13. Contains two novel genes, ESTs, GSSs and CpG islands, complete sequence.//6.8e-108:553:96//AL031432

30 R-PLACE2000398//Homo sapiens clone RG074A24, WORKING DRAFT SEQUENCE, 25 unordered pieces.//2.9e-26:326:73//AC005059

R-PLACE2000399

35 R-PLACE2000404//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//6.5e-84:434:96//AC005216

R-PLACE2000411//P.clarkii mRNA; repeat region (ID 2R).//0.47:104:70//Z54273

40 R-PLACE2000419

45 R-PLACE2000425//Homo sapiens X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flanking repeat regions.//1.9e-40:447:74//AF003528

R-PLACE2000427

50 R-PLACE2000433//Human Chromosome 15 pac pDJ24m8, complete sequence.//3.5e-40:286:85//AC000379

R-PLACE2000435

55 R-PLACE2000438//Homo sapiens full-length insert cDNA clone ZE04D01.//2.2e-107:523:98//AF086521

EP 1 074 617 A2

R-PLACE2000450 4.1e-42:328:79//AG006257

R-PLACE2000455

5

R-PLACE2000458//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete-sequence.//5.1e-116:570:97//AC005740

10

R-PLACE2000465//Human BAC clone RG191D16, complete sequence.//6.3e-37:408:75//AC002460

15

R-PLACE2000477//M.musculus tex264 mRNA (3'region).//7.5e-06:117:76//X80427

R-PLACE3000004

20

R-PLACE3000029//Human DNA sequence from PAC 506G2 contains STSs and a CpG island.//5.8e-34:308:78//Z82976

25

R-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//1.1e-36:273:87//Y17267

30

R-PLACE3000070//Homo sapiens chromosome 5, PAC clone 17e19 (LBNL H148), complete sequence.//2.3e-10:181:71//AC004648

R-PLACE3000103//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING DRAFT SEQUENCE.//1.2e-48:495:74//AL022156

35

R-PLACE3000119//Homo sapiens Chromosome 22q12 BAC Clone 58b8 In Meningioma Deletion Region, complete sequence.//3.4e-39:283:85//AC000026

40

R-PLACE3000124//Homo sapiens chromosome 5, P1 clone 793c5 (LBNL H57), complete sequence.//9.2e-23:171:76//AC005200

45

R-PLACE3000136//U.arctos microsatellite DNA, clone UarMU23.//0.00052:171:65//Y09645

R-PLACE3000142//HS_3037_82_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3037 Col=4 Row=D, genomic survey sequence.//0.88:121:66//AQ097023

50

R-PLACE3000147//Mus musculus DNA for ADAMTS-1, complete cds.//3.3e-23:472:66//AB001735

55

R-PLACE3000148//Human DNA from cosmid L27h9, Huntington's Disease Region, chromosome 4p16.3 contains CpG island.//3.5e-11:176:73//Z49237

R-PLACE3000155//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//6.9e-106:549:94//AC005277

EP 1 074 617 A2

- 5 R-PLACE3000156//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//7.0e-38:545:70//AC002383
- R-PLACE3000157
- 10 R-PLACE3000158//, complete sequence.//1.4e-33:283:81//AC005500
- R-PLACE3000160
- 15 R-PLACE3000169//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//5.2e-43:229:85//AC006130
- R-PLACE3000194
- 20 R-PLACE3000197//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//7.2e-61:394:89//AC005291
- 25 R-PLACE3000199//Homo sapiens Xq28 genomic DNA in the region of the L1CAM locus containing the genes for neural cell adhesion molecule L1 (L1CAM), arginine-vasopressin receptor (AVPR2), C1 p115 (C1), ARD)1 N-acetyltransferase related protein (TE2), renin-binding protein (RbP), host cell factor 1 (HCF1), and interleukin-1 receptor-associated kinase (IRAK) genes, complete cds, and Xq281u2 gene.//0.23:309:57//U52112 R-PLACE3000207//CIT-HSP-384B14.TR CIT-HSP Homo sapiens genomic clone 384B14, genomic survey sequence.//1.1e-15:156:81//B54637
- 30 R-PLACE3000208//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 591N18, WORKING DRAFT SEQUENCE.//1.3e-16:139:87//AL031594
- 35 R-PLACE3000218//HS_3185_B1_B01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3185 Col=1 Row=D, genomic survey sequence.//3.5e-07:120:75//AQ155720
- 40 R-PLACE3000220//Homo sapiens chromosome 17, clone HRPC1096F1, complete sequence.//2.4e-44:363:80//AC004167
- 45 R-PLACE3000226//Caenorhabditis elegans cosmid M01G5.//0.88:95:77//AF078786
- 50 R-PLACE3000230//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds, and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//5.3e-69:536:81//U95626
- 55 R-PLACE3000242//Sequence 1 from patent US 5599918.//3.2e-62:546:78//I35489
- R-PLACE3000244//M.musculus mRNA for 200 kD protein.//1.7e-45:404:75//X80169

EP 1 074 617 A2

R-PLACE3000254//Human mRNA for KIAA0309 gene, partial cds.//7.5e-28:174:94//AB002307

5 R-PLACE3000271//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//3.9e-54:492:77//AL034379

10 R-PLACE3000276//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//5.4e-12:176:69//AC004081

15 R-PLACE3000304//Homo sapiens chromosome 19, cosmid R26660, complete sequence.//5.7e-114:555:97//AC005328

R-PLACE3000310//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 467L1, WORKING DRAFT SEQUENCE.//6.2e-51:314:84//Z98884

20 R-PLACE3000320//Homo sapiens elastin gene, exons 5-27 and alternatively spliced products, partial cds.//2.5e-44:289:90//U93037

25 R-PLACE3000322//Human argininosuccinate lyase (ASL) gene, exon 3.//5.9e-20:153:88//M21006

30 R-PLACE3000331//Homo sapiens clone DJ0592G07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.1e-43:230:84//AC005480

R-PLACE3000339

35 R-PLACE3000341//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//2.5e-111:550:97//AC006055

40 R-PLACE3000350//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs and GSSs, complete sequence.//1.5e-44:314:78//AL022323

45 R-PLACE3000352//HS_3095_B1_E09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3095 Col=17 Row=J, genomic survey sequence.//8.5e-73:356:99//AQ123142

R-PLACE3000353//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y22F5, WORKING DRAFT SEQUENCE.//0.21:194:63//Z99712

50 R-PLACE3000362//Plasmodium falciparum coronin gene, isolate 3D7.//0.26:360:60//AJ002197

R-PLACE3000363

55 R-PLACE3000365//Human BAC clone RG343P13 from 7q31, complete sequence.//4.6e-52:487:76//AC002465

EP 1 074 617 A2

- 5 R-PLACE3000373//HS_3202_B1_G05_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3202 Col=9 Row=N, genomic survey sequence.//2.4e-
75:437:90//AQ252699
- 10 R-PLACE3000388//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
732E4, WORKING DRAFT SEQUENCE.//6.4e-61:515:81//AL008722
- 15 R-PLACE3000399//Homo sapiens clone DJ1186P10, WORKING DRAFT SEQUENCE, 6
unordered pieces.//0.00098:444:60//AC005231
- 20 R-PLACE3000400//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic
sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.78:155:66//AC005506
- 25 R-PLACE3000401//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25
unordered pieces.//8.0e-47:223:81//AC006023
- 30 R-PLACE3000402//Homo sapiens chromosome 17, clone 104H12, complete
sequence.//1.0:179:63//AC000003
- 35 R-PLACE3000405//Homo sapiens chromosome 7qtelo BAC F6, complete sequence.//2.4e-
44:466:74//AF104455
- 40 R-PLACE3000406//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
268H5, WORKING DRAFT SEQUENCE.//7.7e-49:471:75//AL008718
- 45 R-PLACE3000413
- 50 R-PLACE3000416//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC 1577,
WORKING DRAFT SEQUENCE.//5.4e-42:416:77//AJ009612
- 55 R-PLACE3000425//Human DNA sequence from PAC 130G2 on chromosome 6p22.2-22.3.
Contains ribosomal protein L29 pseudogene, ESTs and STSs.//1.1e-41:366:78//AL008627
- R-PLACE3000455//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
469D22, WORKING DRAFT SEQUENCE.//3.8e-98:549:92//AL031284
- R-PLACE3000475//Human signal transducing adaptor molecule STAM mRNA, complete
cds.//1.9e-82:440:92//U43899
- R-PLACE3000477
- R-PLACE4000009//R.norvegicus mRNA encoding 45kDa protein which binds to heyman
nephritis antigen gp330.//6.6e-17:344:68//Z11995
- R-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds.//2.7e-83:433:

EP 1 074 617 A2

95//AB018352

5 R-PLACE4000034//cSRL-51C5-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-51C5, genomic survey sequence.//0.54:116:66//B04984

10 R-PLACE4000049//Human BAC clone GS165I04 from 7q21, complete sequence.//0.29:313:59//AC002379

R-PLACE4000052//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.0058:466:57//AL034557

15 R-PLACE4000063//Homo sapiens chromosome 7q22 sequence, complete sequence.//0.98:246:61//AF053356

20 R-PLACE4000089//RPCI11-15I1.TUB RPCI-11 Homo sapiens genomic clone RPCI-11-15I1, genomic survey sequence.//3.2e-07:284:60//B82414

25 R-PLACE4000093//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.4e-07:429:60//AC005506

R-PLACE4000100

30 R-PLACE4000106//Homo sapiens clone 24561 unknown mRNA, partial cds.//9.3e-100:419:91//AF055010

35 R-PLACE4000128//Human Chromosome 16 BAC clone CIT987SK-A-61E3, complete sequence.//9.6e-45:284:90//AC003007

R-PLACE4000129//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500.//1.6e-19:118:100//AB007969

40 R-PLACE4000147//Homo sapiens BAC clone NH0342K06 from 2, complete sequence.//8.9e-17:208:73//AC005034

45 R-PLACE4000156//Homo sapiens DNA sequence from PAC 352A20 on chromosome 6q24.1-25.1. Contains a pseudogene similar to yeast, bacterial, worm and slime mold hypothetical genes, and a gene coding for an aldehyde dehydrogenase family protein. Contains ESTs, STSs and GSSs, complete sequence.//3.7e-43:281:90//AL021939

50 R-PLACE4000192

55 R-PLACE4000222//Homo sapiens clone DJ1129J21, WORKING DRAFT SEQUENCE, 25 unordered pieces.//5.4e-44:280:82//AC005631

R-PLACE4000233//Homo sapiens full-length insert cDNA YH59G06.//1.8e-79:414:97//AF074981

EP 1 074 617 A2

5 R-PLACE4000247//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//5.7e-59:558:76//AC005821

R-PLACE4000250//CIT-HSP-2335L20.TR CIT-HSP Homo sapiens genomic clone 2335L20, genomic survey sequence.//1.7e-44:313:84//AQ037381

10 R-PLACE4000252//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//1.5e-39:311:83//AC005920

R-PLACE4000261//H.sapiens BF1P-g1H03np gene for immunoglobulin heavy chain variable region.//0.33:197:61//Z80410

15 R-PLACE4000269//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//1.4e-31:327:68//AC005510

20 R-PLACE4000270//Homo sapiens DNA for amyloid precursor protein, complete cds.//2.3e-32:345:74//D87675

25 R-PLACE4000300//Sequence 61 from patent US 5744300.//0.0017:51:98//AR003339

R-PLACE4000320//Human DNA sequence from clone 441J1 on chromosome 6p24 Contains STS, GSS, complete sequence.//8.2e-41:295:85//Z99495

30 R-PLACE4000323//Human chromosome 11 187a8 cosmid, complete sequence.//1.3e-32:404:75//U73640

35 R-PLACE4000326

R-PLACE4000344//Homo sapiens PAC clone DJ0988G15 from 7q33-q35, complete sequence.//0.32:135:68//AC005587

40 R-PLACE4000367//H.sapiens gene encoding RING finger protein.//0.61:146:67//Y07829

R-PLACE4000369//HS_3181_A1_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3181 Col=3 Row=C, genomic survey sequence.//7.1e-80:424:94//AQ173222

45 R-PLACE4000379//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1104E15, WORKING DRAFT SEQUENCE.//1.7e-05:160:65//AL022312

50 R-PLACE4000387//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.4e-47:351:81//AC004913

55 R-PLACE4000392//Human DNA sequence from clone 751H9 on chromosome 6q13. Contains part of an unknown gene, ESTs, STSs and GSSs, complete sequence.//8.5e-88:541:

EP 1 074 617 A2

88//AL034377

5 R-PLACE4000401//Human Chromosome 11 overlapping pacs pDJ235k10 and pDJ239b22,
WORKING DRAFT SEQUENCE, 17 unordered pieces.//2.7e-17:143:83//AC000406

R-PLACE4000411

10 R-PLACE4000445//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4
unordered pieces.//0.028:91:78//AC005628

15 R-PLACE4000465//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
30A23, WORKING DRAFT SEQUENCE.//1.6e-43:532:71//AL022156

20 R-PLACE4000489//Plasmodium falciparum chromosome 2, section 64 of 73 of the complete
sequence.//4.1e-06:357:61//AE001427

R-PLACE4000494//Homo sapiens 12p13.3 PAC RPCI5-1063M23 (Roswell Park Cancer
Institute Human PAC Library) complete sequence.//2.7e-37:416:74//AC005865

25 R-PLACE4000522

R-PLACE4000548//Homo sapiens 12p13.3 PAC RPCI5-1096D14 (Roswell Park Cancer
Institute Human PAC Library) complete sequence.//0.0020:383:60//AC005342

30 R-PLACE4000558//Homo sapiens 12q24 BAC RPCI11-162P23 (Roswell Park Cancer
Institute Human BAC library) complete sequence.//2.9e-44:465:75//AC002996

35 R-THYRO1000026//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
37E16, WORKING DRAFT SEQUENCE.//2.2e-43:354:82//Z83844

40 R-THYRO1000034//Plasmodium falciparum chromosome 2, section 59 of 73 of the complete
sequence.//0.022:327:60//AE001422

45 R-THYRO1000035//HS_3018_B2_F10_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3018 Col=20 Row=L, genomic survey sequence.//2.3e-
36:228:91//AQ092318

50 R-THYRO1000040//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic
sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//1.0:367:56//AC004157

R-THYRO1000070//***ALU WARNING: Human Alu-Sq subfamily consensus sequence.1/1e-
44:284:89//U14573

55 R-THYRO1000072//***ALU WARNING: Human Alu-J subfamily consensus sequence.//6.6e-
33:150:83//U14567

EP 1 074 617 A2

R-THYRO1000085

5 R-THYRO1000092//Homo sapiens chromosome 7qtelo BAC F6, complete sequence.//3.3e-36:301:78//AF104455

10 R-THYRO1000107//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 125I3, WORKING DRAFT SEQUENCE.//1.4e-35:282:82//AL033528

R-THYRO1000111//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//4.0e-32:351:65//AC002300

15 R-THYRO1000121//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence.//6.6e-77:507:85//U91318

20 R-THYRO1000124//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//0.66:334:59//AC005840

25 R-THYRO1000129//Homo sapiens TED protein (TED) mRNA, complete cds.//2.3e-88:449:96//AF087142

R-THYRO1000132//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 212A2, WORKING DRAFT SEQUENCE.//1.1e-40:298:84//Z95114

30 R-THYRO1000156//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//3.4e-37:425:73//AC005703

35 R-THYRO1000163//RPCI11-1B20.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-1B20, genomic survey sequence.//8.4e-38:276:84//B63536

40 R-THYRO1000173//Human DNA sequence from PAC 323B6 on chromosome X contains ESTs CpG island.//1.1e-70:553:81//Z83841

R-THYRO1000186//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 410I8, WORKING DRAFT SEQUENCE.//6.7e-41:345:81//AL031732

45 R-THYRO1000187//Human thymopoietin (TMPO) gene, partial exon 6, complete exon 7, partial exon 8, and partial cds for thymopoietin beta.//1.3e-43:356:80//U18271

50 R-THYRO1000190//Homo sapiens chromosome 17, clone HRPC843B9, complete sequence.//2.6e-40:386:77//AC004139

55 R-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//1.1e-108:535:97//AJ005698

R-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds.//1.4e-113:559:97//AB014552

EP 1 074 617 A2

- R-THYRO1000206//Rat PMSG-induced ovarian mRNA, 3'sequence, N4.//4.0e-43:318:86//D84482
- 5 R-THYRO1000221//Human DNA from overlapping chromosome 19 cosmids R31396, F25451, and R31076 containing COX6B and UPKA, genomic sequence, complete sequence.//2.7e-44:452:76//AC002115
- 10 R-THYRO1000241//Homo sapiens Cosmid Clone p129d11 unknown chromosomal location, complete sequence.//4.8e-58:447:81//AC000039
- 15 R-THYRO 1000242
- R-THYRO1000253//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence.//3.4e-56:300:84//Z95152
- 20 R-THYRO1000270
- R-THYRO1000279//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 531H16, WORKING DRAFT SEQUENCE.//4.8e-113:584:96//AL031664
- 30 R-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//1.1e-98:566:91//AB016068
- 35 R-THYRO1000320//HS_2033_B1_A07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2033 Col=13 Row=B, genomic survey sequence.//0.97:211:63//AQ233366
- 40 R-THYRO1000327//Sequence 1 from patent US 5541298.//2.8e-52:289:93//I24058
- R-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds.//1.1e-111:559:96//AB018333
- 45 R-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds.//4.6e-47:317:87//U29091
- 50 R-THYRO1000368//HS_3049_A1_E12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3049 Col=23 Row=I, genomic survey sequence.//7.0e-11:111:83//AQ126777
- 55 R-nnnnnnnnnnnn
- R-THYRO1000387//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete

EP 1 074 617 A2

sequence.//2.4e-101:545:93//AC006019

5 R-THYRO1000394//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing
uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces.//1.6e-46:233:
88//AC006078

10 R-THYRO1000395//Mouse MIPP mRNA for a placenta-expressed gene.//2.3e-57:395:
85//X58523

15 R-THYRO 1000401
3.3e-111:546:97//AF051907

R-THYRO1000438//Homo sapiens clone DJ1186P10, WORKING DRAFT SEQUENCE, 6
unordered pieces.//2.7e-44:289:89//AC005231

20 R-THYRO1000452//Homo sapiens chromosome 17, clone hRPK.243_K_12, complete
sequence.//6.7e-27:222:82//AC005668

25 R-THYRO1000471//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
102D24, WORKING DRAFT SEQUENCE.//2.4e-36:369:76//AL021391

R-THYRO1000484//Homo sapiens clone DJ1099N07, complete sequence.//1.6e-43:288:
81//AC004962

30 R-THYRO1000488//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154),
complete sequence.//1.6e-95:512:94//AC005740

35 R-THYRO1000501//HS _2208_A1_G11_T7 CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=2208 Col=21 Row=M, genomic survey
sequence.//0.0063:189:63//AQ091586

40 R-THYRO1000502//Homo sapiens eIF-1A, Y isoform (EIF1AY) mRNA, complete cds.//0.19:
468:60//AF000987

45 R-THYRO1000505//Homo sapiens chromosome 19, cosmid R31546, complete
sequence.//0.20:214:58//AC004798

R-THYRO1000558

50 R-THYRO 1000569

R-THYRO1000570//Homo sapiens full-length insert cDNA clone ZD76G10.//4.3e-41:209:
100//AF086408

55 R-nmmmmnnnn//Homo sapiens protein associated with Myc mRNA, complete cds.//8.2e-
107:533:97//AF075587

EP 1 074 617 A2

5 R-THYRO 000596//Mus musculus mitochondrial DNA polymerase accessory subunit
(MtPolB) mRNA, nuclear gene encoding mitochondrial protein, partial cds.//0.36:170:
67//AF006072

10 R-THYRO1000602//Homo sapiens DNA for amyloid precursor protein, complete cds.//2.2e-
53:289:92//D87675

R-THYRO 1000605

15 R-THYRO1000625//Homo sapiens chromosome 19, cosmid R29425, complete
sequence.//1.3e-31:261:82//AC005546

20 R-THYRO1000637//Human DNA sequence from clone 243E7 on chromosome 22q12.1.
Contains ESTs, STSs and GSSs, complete sequence.//4.0e-06:249:63//AL022323

R-THYRO1000641//P.falciparum glutamic acid-rich protein gnen, complete cds.//3.1e-08:244:
68//J03998

25 R-THYRO1000658//***ALU WARNING: Human Alu-Sp subfamily consensus
sequence.//3.9e-49:282:93//U14572

30 R-nnnnnnnnnnnnn

R-THYRO1000666//Homo sapiens DNA sequence from PAC 329E20 on chromosome
1p34.4-36.13. Contains endothelin-converting-enzyme 1 (ECE-1), EST, STS, CA repeat,
complete sequence.//1.9e-20:215:77//AL031005

35 R-THYRO1000676//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete
sequence.//1.2e-06:227:64//AC004069

40 R-THYRO1000684

R-THYRO1000699

45 R-THYRO1000712

R-THYRO1000734//Human BAC clone RG191D16, complete sequence.//3.7e-14:468:
64//AC002460

50 R-THYRO1000748//Homo sapiens cosmid 123E15, complete sequence.//2.6e-11:182:
73//AF024533

55 R-THYRO1000756//Sequence 21 from patent US 5552281.//1.4e-15:106:98//I25660

R-THYRO1000777//Plasmodium falciparum MAL3P2, complete sequence.//1.0:175:

EP 1 074 617 A2

66//AL034558

5 R-THYRO1000783//CIT-HSP-2335P6.TF CIT-HSP Homo sapiens genomic clone 2335P6,
genomic survey sequence.//1.2e-81:391:99//AQ038226

10 R-THYRO1000787//Homo sapiens chromosome Y, clone 264,M,20, complete
sequence.//9.4e-07:494:58//AC004617

R-THYRO1000793

15 R-THYRO1000796//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
167P19, WORKING DRAFT SEQUENCE.//1.7e-42:379:79//Z93014'

20 R-THYRO1000805//Human Chromosome 11 pac pDJ610i20, WORKING DRAFT
SEQUENCE, 18 unordered pieces.//4.7e-40:362:76//AC002555

R-THYRO1000815//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
316D5, WORKING DRAFT SEQUENCE.//4.0e-58:295:92//Z82199

25 R-THYRO1000829//Sequence 7 from patent US 5716622.//0.97:362:61//I87788

30 R-THYRO1000843//Homo sapiens Chromosome 15q11-q13 PAC clone pDJ351h23 from
the Prader-Willi/Angelman Syndrome region, complete sequence.//3.3e-57:522:76//AC004738

R-THYRO1000852//Homo sapiens chromosome 11 clone CIT-HSP-1337H24, WORKING
DRAFT SEQUENCE, 9 unordered pieces.//4.2e-17:291:69//AC005849

35 R-THYRO1000855//Human DNA sequence from clone 366B10 on chromosome 22q12.2-
12.3. Contains GSSs, complete sequence.//1.1e-41:419:75//AL031592

40 R-THYRO1000865//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
1125A11, WORKING DRAFT SEQUENCE.//9.0e-47:294:84//AL034549

45 R-THYRO1000895//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
380F5, WORKING DRAFT SEQUENCE.//3.7e-111:569:96//AL031719

R-THYRO1000916//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6
unordered pieces.//1.0e-97:554:92//AC006015

50 R-THYRO1000926//Homo sapiens CAMP-specific phosphodiesterase 8B (PDE8B) mRNA,
partial cds.//9.6e-109:566:94//AF079529

55 R-THYRO1000934//Homo sapiens full-length insert cDNA clone ZD69A10.//1.6e-104:539:
95//AF086378

R-THYRO1000951//Homo sapiens Chromosome 11q12 pac pDJ57I14, WORKING DRAFT

EP 1 074 617 A2

SEQUENCE, 29 unordered pieces.//8.9e-61:479:81//AC004229

- 5 R-THYRO1000952//Human autoimmune thyroid disease-related antigen mRNA.//5.3e-16:116:93//M28639
- 10 R-THYRO1000974//Homo sapiens ribosomal protein L33-like protein mRNA, complete cds.//3.2e-59:321:95//AF047440
- 15 R-THYRO1000975//Homo sapiens chromosome 19, cosmid F18718, complete sequence.//1.9e-44:396:79//AC006126
- 20 R-THYRO1000983//Homo sapiens chromosome 17, clone hRPK.271_K_11, complete sequence.//0.99:71:78//AC005562
- 25 R-THYRO1000984//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces.//6.7e-42:320:84//AC006078
- 30 R-THYRO1000988//Homo sapiens DNA sequence from PAC 230G1 on chromosome Xp11.3. Contains EST, STS and GSS, complete sequence.//6.7e-39:292:78//Z84466
- 35 R-THYRO1001003//HS_3051_B1_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3051 Col=1 Row=P, genomic survey sequence.//2.5e-39:310:83//AQ253727
- 40 R-THYRO1001031//Homo sapiens DNA sequence from PAC 230G1 on chromosome Xp11.3. Contains EST, STS and GSS, complete sequence.//2.5e-50:300:88//Z84466
- 45 R-THYRO1001033//CIT-HSP-2007J14.TF CIT-HSP Homo sapiens genomic clone 2007J14, genomic survey sequence.//5.1e-26:143:100//B56677
- 50 R-THYRO1001062//CIT-HSP-2386P3.TF.1 CIT-HSP Homo sapiens genomic clone 2386P3, genomic survey sequence.//1.4e-48:316:87//AQ239882
- 55 R-THYRO1001093
- R-THYRO1001100//Homo sapiens BAC clone RG152G17 from 7q22-q31.1, complete sequence.//0.47:102:73//AC005070
- R-THYRO1001120
- R-THYRO1001121//Homo sapiens mRNA for beta-tubulin folding cofactor D.//8.9e-81:429:94//AJ006417
- R-THYRO1001133//CIT-HSP-2381I10.TR CIT-HSP Homo sapiens genomic clone 2381I10, genomic survey sequence.//4.7e-12:237:67//AQ111077

EP 1 074 617 A2

- R-THYRO1001134
- 5 R-THYRO1001142//H.sapiens CpG island DNA genomic Mse1 fragment, clone 81d1,
reverse read cpg81d1.rt1a.//0.95:214:60//Z56037
- 10 R-THYRO1001173//cSRL-27c11-u cSRL flow sorted Chromosome 11 specific cosmid Homo
sapiens genomic clone cSRL-27c11, genomic survey sequence.//4.6e-26:262:77//B04145
- R-THYRO1001177
- 15 R-THYRO1001189//Homo sapiens DNA from chromosome 19, BAC 33152, complete
sequence.//1.0e-41:281:87//AC003973
- R-THYRO 1001204
- 20 R-THYRO1001213//Human Alu repeat sequence A6.//3.8e-38:236:88//U12581
- R-THYRO1001262//Homo sapiens, clone hRPK.16_A_1, complete sequence.//8.7e-53:442:
25 79//AC006227
- 30 R-THYRO1001271//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4,
BAC clone C0224P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 13 unordered
pieces.//0.53:330:61//AC004630
- R-THYRO 1001290
- 35 R-THYRO1001313//H.sapiens CpG island DNA genomic Mse1 fragment, clone 195h3,
forward read cpg195h3.ft1b.//0.046:126:66//Z57783
- 40 R-THYRO1001320//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
424J12, WORKING DRAFT SEQUENCE.//3.0e-58:476:80//Z82207
- R-THYRO100132//Plasmodium falciparum MAL3P2, complete sequence.//1.0e-08:408:
45 62//AL034558
- R-nnnnnnnnnnnnn
- 50 R-THYRO1001347//Homo sapiens mRNA for KIAA0745 protein, partial cds.//3.2e-08:266:
64//AB018288
- 55 R-THYRO1001363//cSRL-72f5-u cSRL flow sorted Chromosome 11 specific cosmid Homo
sapiens genomic clone cSRL-72f5, genomic survey sequence.//1.7e-85:471:92//B05884
- R-THYRO1001365//Homo sapiens chromosome 10 clone CIT987SK-1163G10 map 10q25,
complete sequence.//1.8e-109:584:94//AC005660

EP 1 074 617 A2

R-THYRO1001374

5 R-THYRO1001401//Human pigment epithelium-derived factor gene, complete cds.//4.2e-51:
333:88//U29953

10 R-THYRO1001403//Human PAC clone DJ222H05 from Xq25-q26, complete sequence.//8.7e-
38:307:82//AC002377

R-THYRO1001405

15 R-THYRO1001406//RPCI11-69F22.TK RPCI1 Homo sapiens genomic clone R-69F22,
genomic survey sequence.//1.9e-67:400:90//AQ238297

20 R-THYRO1001411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
80N2, WORKING DRAFT SEQUENCE.//2.2e-06:349:63//AL031123

25 R-THYRO1001426//*** SEQUENCING IN PROGRESS *** Homo sapiens genomic DNA (PAC
1118i22) from chromosome 11; HTGS phase 1, WORKING DRAFT SEQUENCE.//2.2e-89:
506:86//AJ002553

30 R-THYRO1001434//Microcentus caryae 12S mitochondrial ribosomal RNA, small subunit,
mitochondrial gene, partial sequence.//1.0:176:61//U77877

35 R-THYRO1001458//Human DNA sequence from clone 453C12 on chromosome 20q12-
13.12 Contains SDC4 (syndecan 4 (amphiglycan, ryudocan)) predicts a gene like the mouse
transcription factor RBP-L, MATN4 (matrilin-4) STS, GSS, CpG island, complete
sequence.//3.3e-07:196:67//AL021578

40 R-THYRO1001480//Homo sapiens clone DJ0756H11, WORKING DRAFT SEQUENCE, 5
unordered piece.//1.2e-99:517:95//AC006001

R-THYRO1001487//Homo sapiens, WORKING DRAFT SEQUENCE, 97 unordered
pieces.//8.5e-14:221:70//AC004085

45 R-THYRO10001534//HS_2242_B2_H04_MR CIT Approved Human Genomic Sperm Library
D Homo sapiens genomic clone Plate=2242 Col=8 Row=P, genomic survey
sequence.//0.00012:141:68//AQ182326

50 R-THYRO1001537//Human DNA sequence from clone 111F4 on chromosome Xq23
Contains GSSs, complete sequence.//0.42:323:60//AL023876

55 R-THYRO1001541//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2
unordered pieces.//1.7e-42:370:78//AC005077

R-THYRO1001559//Homo sapiens 12q24.2 PAC RPCI5-944M2 (Roswell Park Cancer

EP 1 074 617 A2

Institute Human PAC Library) complete sequence.//1.0:144:67//AC005868

5 R-THYRO1001570//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.43:268:61//AC005308

R-THYRO1001573//M.avium rpsL gene.//0.98:131:66//X80120

10 R-THYRO1001584//A.longa plastid genes for ribosomal proteins and tRNAs.//0.29:502:58//X75653

15 R-THYRO1001595//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//1.5e-33:319:78//AL023808

20 R-THYRO1001602//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//4.4e-13:320:67//AC005919

R-THYRO1001605//Human DNA sequence from PAC 358H7 on chromosome X.//1.9e-32:391:76//Z77249

25 R-THYRO1001617//Homo sapiens cDNA for dihydroxyacetone phosphate acyltransferase (DAP-AT).//1.9e-81:448:92//AJ002190

30 R-THYRO1001637//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 688G8, WORKING DRAFT SEQUENCE.//5.4e-41:381:78//AL031671

35 R-THYRO1001656//HS_2201_B2_A08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2201 Col=16 Row=B, genomic survey sequence.//0.096:162:63//AQ293168

40 R-THYRO1001661//Human immunoglobulin-associated (B29) gene, promoter and exon 1, partial cds.//1.0:229:62//U22954

R-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform.//4.8e-110:562:95//AJ225089

45 R-THYRO1001673//CIT-HSP-2327D12.TR CIT-HSP Homo sapiens genomic clone 2327D12, genomic survey sequence.//1.5e-17:224:68//AQ042426

50 R-THYRO1001703//Homo sapiens clone 198 unknown mRNA, partial sequence.//1.6e-44:251:93//AF091072

55 R-THYRO1001706//Homo sapiens clone DJ0935K16, complete sequence.//1.8e-26:378:68//AC006011

R-THYRO1001721//, complete sequence.//1.3e-101:571:92//AC005500

EP 1 074 617 A2

R-nnnnnnnnnnnnn

- 5 R-THYRO1001745//Homo sapiens chromosome 5, PAC clone 247f3 (LBNL H85), complete sequence.//1.1e-15:193:70//AC004777
- 10 R-THYRO1001746//Human inter-alpha-trypsin inhibitor light chain (ITI) gene, exon 3.//0.54:260:61//M88244
- R-THYRO1001772//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING DRAFT SEQUENCE.//1.6e-12:285:64//AL022156
- 15 R-THYRO1001793
- R-THYRO1001809//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1071N3, WORKING DRAFT SEQUENCE.//2.5e-43:486:74//AL031728
- 20 R-THYRO1001854//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//5.0e-41:245:87//AC005696
- 25 R-THYRO1001895//Human Chromosome 11p14.3 PAC clone 6-106f23, complete sequence.//4.4e-12:419:61//AC005137
- 30 R-THYRO1001907//Homo sapiens Chromosome 22q11.2 Cosmid Clone 24b In DGCR Region, complete sequence.//8.1e-35:340:78//AC000075
- R-VESEN1000122//Homo sapiens Luman mRNA, complete cds.//1.3e-23:138:98//AF009368
- 35 R-Y79AA1000013
- R-Y79AA1000033//Homo sapiens BAC clone GS114I09 from 7p14-p15, complete sequence.//9.9e-112:551:97//AC006027
- 40 R-Y79AA1000037//CIT-HSP-2334F3.TR CIT-HSP Homo sapiens genomic clone 2334F3, genomic survey sequence.//0.16:308:60//AQ036673
- 45 R-Y79AA1000059//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//6.1e-56:314:88//AC002300
- 50 R-Y79AA1000065//Human carboxylesterase gene, exon 5.//0.64:203:63//D21079
- R-Y79AA1000131//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0548N01; HTGS phase 1, WORKING DRAFT SEQUENCE, 31 unordered pieces.//7.0e-18:169:79//AC004795
- 55 R-Y79AA1000181//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2

EP 1 074 617 A2

(DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//1.1e-106:474:98//AL031864

5 R-Y79AA1000202//CIT978SK-A-518G2.TP CIT978SK Homo sapiens genomic clone A-518G2, genomic survey sequence.//1.0e-10:78:97//B68074

10 R-Y79AA1000214//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//6.5e-59:386:90//AC004854

R-Y79AA1000230//Cyttauxzoon felis 18S ribosomal RNA.//1.0:167:62//L19080

15 R-Y79AA1000231//HS_3009_A1_H03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3009 Col=5 Row=O, genomic survey sequence.//6.4e-52:348:88//AQ090225

20 R-Y79AA1000258//Hepatitis C virus HCV-B9 gene for NS5, partial cds.//0.65:127:65//D10558

R-Y79AA1000268//Human DNA sequence from PAC 162H14 on chromosome 22. Contains 3' part of a FIBULIN 1 like gene and ESTs, complete sequence.//4.7e-40:300:84//Z98047

25 R-Y79AA10003131//Human DNA sequence from PAC 179I15, BRCA2 gene region chromosome 13q12-q13 contains Klotho ESTs and CpG island.//5.0e-14:136:83//Z92540

30 R-Y79AA1000328

R-Y79AA1000342//S.clavuligerus linear plasmid pSCL (complete sequence).//0.55:189:65//X54107

35 R-Y79AA1000346//Human MEST mRNA, complete cds.//0.00013:52:100//D78611

R-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein.//8.8e-36:300:81//X84692

40 R-Y79AA1000355//Human DNA sequence from clone 551E13 on chromosome Xp11.2-11.3 Contains farnesyl pyrophosphate synthetase pseudogene, VT4 protein pseudogene, EST, GSS, complete sequence.//5.7e-45:403:80//AL022163

45 R-Y79AA1000368

50 R-Y79AA1000405//RPCI11-16B12.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-16B12, genomic survey sequence.//0.10:171:65//B88000

R-Y79AA1000410//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 92N15, WORKING DRAFT SEQUENCE.//4.1e-50:361:83//Z93097

55 R-Y79AA1000420//Plasmodium falciparum merozoite surface protein 4, merozoite surface protein 5, merozoite surface protein 2, and adenylosuccinate lyase genes, complete cds.//0.071:474:57//AF033037

EP 1 074 617 A2

R-Y79AA1000469//Homo sapiens clone NH0140K04, complete sequence.//1.8e-86:221:90//AC005033
 5
 R-Y79AA1000480//Homo sapiens chromosome 4 clone B240N9 map 4q25, complete sequence.//2.1e-14:179:72//AC004057
 10
 R-Y79AA1000538//Homo sapiens clone DJ0826E18, WORKING DRAFT SEQUENCE, 4 unordered pieces.//4.5e-43:321:83//AC005282
 R-Y79AA1000539//Homo sapiens PAC clone DJ0074M20 from X, complete sequence.//0.0012:275:59//AC006143
 15
 R-Y79AA1000540//Z.diploperemnis repetitive DNA (clone ZEAR 260).//0.0017:258:62//X53609
 20
 R-Y79AA1000560//Mouse mRNA for alpha-adaptin (C).//6.1e-32:390:70//X14972
 R-Y79AA1000574//Homo sapiens chromosome 9q34, clone 23B4, complete sequence.//0.96:224:61//AC002325
 25
 R-Y79AA1000627//Homo sapiens full-length insert cDNA ZA77G02.//6.3e-100:533:94//AF075117
 30
 R-Y79AA1000705//RPC11-76G7.TV RPC11 Homo sapiens genomic clone R-76G7, genomic survey sequence.//4.6e-88:429:98//AQ268433
 R-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds.//2.7e-112:586:95//AF093670
 35
 R-Y79AA1000748
 40
 R-Y79AA1000752
 R-Y79AA1000774//CIT-HSP-2288K24.TF CIT-HSP Homo sapiens genomic clone 2288K24, genomic survey sequence.//5.3e-45:316:86//AQ005014
 45
 R-Y79AA1000782//Human mRNA for KIAA0246 gene, partial cds.//5.0e-17:107:100//D87433
 R-Y79AA1000784//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00034:520:55//AC005505
 50
 R-Y79AA1000794//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 989H11, WORKING DRAFT SEQUENCE.//0.015:322:60//Z83851
 55
 R-Y79AA1000800//M.musculus tex264 mRNA (3'region).//1.1e-06:104:78//X80427

EP 1 074 617 A2

R-nnnnnnnnnnnn//CIT-HSP-2295G6.TF CIT-HSP Homo sapiens genomic clone 2295G6,
genomic survey sequence.//0.67:152:62//AQ007605

5 R-Y79AA1000805//Human Chromosome 11 Cosmid cSRL30h11, complete sequence.//3.1e-
26:423:68//U73642

10 R-Y79AA1000824//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
329A5, WORKING DRAFT SEQUENCE.//1.1e-08:449:61//Z97832

15 R-Y79AA1000827//Triticum aestivum heat shock protein 101 kDa (HSP101) mRNA, complete
cds.//1.0:101:69//AF083344

15 R-Y79AA1000850//Homo sapiens small optic lobes homolog (SOLH) mRNA, complete
cds.//0.40:386:59//U85647

20 R-Y79AA1000962//CIT-HSP-2298N11.TR CIT-HSP Homo sapiens genomic clone 2298N11,
genomic survey sequence.//0.00019:253:65//AQ013111

25 R-Y79AA1000968//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma)
mRNA, complete cds.//1.7e-58:446:80//U38253

R-Y79AA1000969

30 R-Y79AA1000976//CIT-HSP-2350C4.TF CIT-HSP Homo sapiens genomic clone 2350C4,
genomic survey sequence.//3.3e-60:295:100//AQ061422

35 R-Y79AA1000985//Mus musculus pericentrin mRNA, complete cds.//5.9e-38:348:76//U05823

R-Y79AA1001023

R-Y79AA1001041

40

R-Y79AA1001048

45 R-Y79AA1001061//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-427H10,
complete sequence.//1.2e-60:537:78//AC004626

50 R-Y79AA1001068//Homo sapiens P1 clone GSP13996 from 5q12, complete
sequence.//2.3e-41:405:77//AC005031

R-Y79AA1001077

55 R-Y79AA1001078//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer
Institute Human PAC Library) complete sequence.//2.0e-09:534:59//AC004801

R-Y79AA1001105//Staphylococcus epidermidis trimethoprim resistance plasmid

EP 1 074 617 A2

pSK639//0.0072:309:63//U40259

- 5 R-Y79AA1001145//RPCI11-59N12.TK RPCI11 Homo sapiens genomic clone R-59N12, genomic survey sequence.//3.7e-07:256:64//AQ200068
- 10 R-Y79AA1001167//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 5/15, WORKING DRAFT SEQUENCE.//0.55:223:61//AP000012
- R-Y79AA1001177//Human gene for Gi3 alpha protein, intron 7 through exon 9, variant U6 gene, and snRNP E protein pseudogene LH87.//7.0e-09:203:69//X54048
- 15 R-Y79AA1001185
- R-Y79AA1001211//Homo sapiens 12p13.3 BAC RPCI11-543P15 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//2.1e-32:277:81//AC005912
- 20 R-Y79AA1001216//Human chromosome 12p13 sequence, complete sequence.//0.98:325:59//U47924
- 25 R-Y79AA1001228//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MAB16, complete sequence.//0.0034:378:59//AB018112
- 30 R-Y79AA1001233//Homo sapiens clone DJ1178G13, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.19:106:72//AC004988
- R-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc1101133Q7 (RZPD Berlin)).//3.4e-109:549:95//AJ005892
- 35 R-Y79AA1001281
- 40 R-Y79AA1001299//Homo sapiens SNF5/INI1 gene, exon 9.//6.3e-24:133:100//Y17126
- R-Y79AA1001312//Human immunodeficiency virus type 1 variant 43 polymerase pseudogene, partial cds.//0.0070:284:58//U45372
- 45 R-Y79AA1001323//Fugu rubripes GSS sequence, clone 027L23aG3, genomic survey sequence.//0.11:125:70//AL025355
- 50 R-Y79AA1001384//W.makrii mitochondrial CYTB and tRNA genes.//0.070:209:65//X66594
- R-Y79AA1001391//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING DRAFT SEQUENCE.//0.80:163:62//AL031745
- 55 R-Y79AA1001394//Homo sapiens DNA from chromosome 19, cosmid R29144, complete sequence.//0.99:241:63//AC004221

EP 1 074 617 A2

- 5 R-Y79AA1001402//Homo sapiens Chr.14 PAC RPCI4-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.25:81:80//AC005924
- R-Y79AA1001493
- 10 R-Y79AA1001511//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs, complete sequence.//1.3e-35:207:95//AL034430
- R-Y79AA1001533//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//2.7e-44:285:81//D14336
- 15 R-nnnnnnnnnnnn//Human DNA sequence from clone 113J7 on chromosome Xp11.22-11.4. Contains part of a putative Homeobox (pseudo?) gene, ESTs and an STS, complete sequence.//0.70:365:60//AL023574
- 20 R-Y79AA1001548//Homo sapiens phosphatidylinositol 4-kinase mRNA, complete cds.//5.9e-95:517:91//L36151
- 25 R-Y79AA1001555
- R-Y79AA1001585
- 30 R-Y79AA1001594//Human DNA sequence from PAC 60G11 on chromosome X; contains STS.//6.6e-19:241:76//Z94722
- R-Y79AA1001603//H.sapiens CpG island DNA genomic MseI fragment, clone 72f8, forward read cpg72f8.ft1a.//3.3e-21:131:96//Z62766
- 35 R-Y79AA1001613
- 40 R-Y79AA1001647//Human DNA sequence from PAC 36J3, between markers DXS1192 and DXS102 on chromosome X.//6.3e-08:338:63//Z82975
- R-Y79AA1001665//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 1/15, WORKING DRAFT SEQUENCE.//3.2e-11:114:84//AP000008
- 45 R-Y79AA1001679//O.cuniculus lambda-crystallin mRNA, complete cds.//3.9e-15:270:68//M22743
- 50 R-nnnnnnnnnnnn//RPCI11-42M5.TJ RPCI11 Homo sapiens genomic clone R-42M5, genomic survey sequence.//0.013:64:89//AQ052792
- 55 R-Y79AA1001696//Apis mellifera ligustica complete mitochondrial genome.//9.3e-09:428:58//L06178

EP 1 074 617 A2

R-Y79AA1001705

5 R-Y79AA1001711//Mus musculus 60 kDa ribonucleoprotein Ro gene, partial cds.//2.2e-45:
554:75//AF042139

10 R-Y79AA1001781//Plasmodium falciparum chromosome 2, section 39 of 73 of the complete
sequence.//1.0:414:57//AE001402

R-nnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
510D11, WORKING DRAFT SEQUENCE.//2.8e-05:329:61//Z98044

15 R-Y79AA1001827//Oryctolagus cuniculus PiUS mRNA, complete cds.//2.3e-90:557:
89//U74297

20 R-Y79AA1001846//Homo sapiens DNA sequence from PAC 179N16 on chromosome
6p21.1-21.33. Contains the SAPK4 (MAPK p38delta) gene, and the alternatively spliced
SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein.
Contains ESTs, STSs and two predicted CpG islands, complete sequence.//2.1e-34:306:
78//Z95152

25 R-Y79AA1001848//Sequence 11 from patent US 5449616.//1.0:221:59//I14369

30 R-Y79AA1001866//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K23L20,
complete sequence.//0.0089:527:58//AB016874

R-Y79AA1001874

35 R-Y79AA1001875//M.musculus mRNA for Rab7 protein.//5.8e-45:170:92//X89650

40 R-Y79AA1001923//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2.
Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated,
actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S
Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete
sequence.//1.0:138:68//AL022577

45 R-Y79AA1002027//Liverwort Marchantia polymorpha chloroplast genome DNA.//0.71:153:
67//X04465

50 R-Y79AA1002083//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone
172B20, WORKING DRAFT SEQUENCE.//1.0:178:64//AL022319

55 R-Y79AA1002089//Homo sapiens clone GS111G14, WORKING DRAFT SEQUENCE, 5
unordered pieces.//6.3e-49:377:81//AC005011

R-Y79AA1002093//Homo sapiens (clone SEL366) 17q YAC (368C7) RNA.//4.0e-32:174:
99//L77612

EP 1 074 617 A2

- 5 R-Y79AA1002103//CIT-HSP-2328I21.TR CIT-HSP Homo sapiens genomic clone 2328I21,
genomic survey sequence.//1.9e-44:245:96//AQ044502
- 10 R-Y79AA1002115//CITBI-E1-2514F10.TF CITBI-E1 Homo sapiens genomic clone 2514F10,
genomic survey sequence.//1.8e-24:249:78//AQ265752
- 15 R-Y79AA1002125//RPCI11-15J6.TV RPCI-11 Homo sapiens genomic clone RPCI-11-15J6,
genomic survey sequence.//8.5e-21:147:91//B75354
- 20 R-Y79AA1002139
- R-Y79AA1002204
- R-nnnnnnnnnnn//Human ankyrin G (ANK-3) mRNA, complete cds.//0.040:319:59//U13616
- 25 R-Y79AA1002209//Psilotum nudum RT gene for reverse transcriptase (PT4).//0.99:106:
65//X65415
- R-Y79AA1002210
- R-Y79AA1002211//H.sapiens NGAL gene.//1.0:311:59//X99133
- 30 R-Y79AA1002220//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from
MAL4P1, WORKING DRAFT SEQUENCE.//5.9e-07:535:57//AL034557
- 35 R-Y79AA1002229
- R-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds.//6.1e-117:564:
98//AB014592
- 40 R-Y79AA1002246
- R-Y79AA1002258//Homo sapiens mRNA for HIP3, complete cds.//1.3e-92:453:97//AB013384
- 45 R-Y79AA1002298//HS_3071_B2_E08_MR CIT Approved Human Genomic Sperm Library D
Homo sapiens genomic clone Plate=3071 Col=16 Row=J, genomic survey sequence.//1.9e-
56:384:87//AQ171331
- 50 R-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds.//2.5e-108:403:
99//AB014534
- 55 R-Y79AA1002311//Homo sapiens chromosome 10 clone CIT987SK-1173I12 map 10q25,
complete sequence.//1.1e-07:368:61//AC005887
- R-Y79AA1002351

EP 1 074 617 A2

- R-Y79AA1002361//H.sapiens CpG island DNA genomic Mse1 fragment, clone 65b9, reverse
read cpg65b9.rt1a.//0.57:59:79//Z62206
- 5 R-Y79AA1002399//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete
sequence.//2.0e-98:385:99//AC005920
- 10 R-Y79AA1002407//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete
sequence.//5.4e-59:490:76//AC004662
- 15 R-Y79AA1002416//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC
library) complete sequence.//6.3e-08:103:80//AC004087
- R-Y79AA1002431
- 20 R-nnnnnnnnnnn//Mouse transcriptional control element.//0.064:84:71//M17284
- R-Y79AA1002472//Homo sapiens chromosome 19, BAC CTY-B-393i15 (BC301323),
complete sequence.//1.6e-103:525:96//AC006116
- 25 R-Y79AA1002482//Homo sapiens chromosome 18, clone hRPK.474_N_24, complete
sequence.//9.7e-38:302:83//AC006238
- 30 R-Y79AA1002487//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.23:266:
61//X95276
- 35 Homology Search Result Data 4.
- The result of the homology search of the Human Unigene using the clone sequence of 5'-end.
Data include
- 40 the name of clone,
- 45 title of the top hit data,
- the P-value: the length of the compared sequence: identity (%), and
- 50 the Accession No. of the top hit data, as in the order separated by //.
- Data are not shown for the clones in which the P-value was higher than 1.
- 55 F-HEMBA1000005//EST//4.3e-87:422:97//Hs.147830:AI222069
- F-HEMBA1000012//Human endosome-associated protein (EEA1) mRNA, complete

EP 1 074 617 A2

cds//0.82:170:64//Hs.2864:L40157

- 5 F-HEMBA1000020//Homo sapiens beta 2 gene//4.0e-74:529:83//Hs.150244:U83668
- F-HEMBA1000030//ESTs//1.1e-91:494:93//Hs.7958:W22078
- 10 F-HEMBA1000042//ESTs//3.5e-22:228:77//Hs.145406:AI253247
- F-HEMBA1000046//ESTs, Highly similar to PRE-MRNA SPLICING FACTOR RNA HELICASE
PRP22 [Saccharomyces cerevisiae]//0.00019:192:65//Hs.7900:W22411
- 15 F-HEMBA1000050//EST//0.81:74:72//Hs.156298:AI336759
- F-HEMBA1000076//ESTs//0.11:252:62//Hs.131939:AI417910
- 20 F-HEMBA1000111//ESTs//8.5e-89:449:96//Hs.41105:N66734
- F-HEMBA1000129//Human phosphatidylinositol 3-kinase catalytic subunit p110delta mRNA,
complete cds//0.27:342:61//Hs.14207:U86453
- 25 F-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds//6.8e-169:791:
98//Hs.27197:AB018340
- 30 F-HEMBA1000150//Homo sapiens mRNA for KIAA0788 protein, partial cds//1.4e-37:243:
88//Hs.2397:Z70200
- 35 F-HEMBA1000156//ESTs, Weakly similar to The KIAA0138 gene product is novel.
[H.sapiens]//5.3e-80:383:98//Hs.135552:AI215187
- F-HEMBA1000158//Homo sapiens OPA-containing protein mRNA, complete cds//2.1e-07:
265:63//Hs.85313:AF071309
- 40 F-HEMBA1000168//ESTs//6.1e-35:257:85//Hs.13533:H23079
- 45 F-HEMBA1000180//ESTs, Moderately similar to RETROVIRUS-RELATED POL
POLYPROTEIN [H.sapiens]//1.3e-18:111:96//Hs.163863:W28729
- F-HEMBA1000185//H.sapiens ERF-2 mRNA//1.0:125:68//Hs.78909:U07802
- 50 F-HEMBA1000193//EST//1.5e-48:266:95//Hs.160642:AI240133
- F-HEMBA1000201//Human Ini1 mRNA, complete cds//6.5e-75:440:92//Hs.155626:U04847
- 55 F-HEMBA1000213//ESTs//0.21:239:62//Hs.26838:AA527529
- F-HEMBA1000216//Homo sapiens clone 23698 mRNA sequence//1.1e-57:529:68//Hs.8136:

EP 1 074 617 A2

U81984

- 5 F-HEMBA1000227//Human RNA-binding protein CUG-BP/hNab50 (NAB50) mRNA, complete
cds//1.3e-05:311:64//Hs.81248:U63289
- F-HEMBA1000231
- 10 F-HEMBA1000243//EST//5.9e-52:359:85//Hs.141433:N23377
- F-HEMBA1000244//H.sapiens mRNA for cytokine inducible nuclear protein//0.0022:350:
60//Hs.74019:X83703
- 15 F-HEMBA1000251//ESTs//3.2e-84:443:95//Hs.21068:N47460
- F-HEMBA1000264//ESTs//0.76:227:61//Hs.5159:AA588562
- 20 F-HEMBA1000280//EST//1.7e-12:149:75//Hs.103418:AA035568
- F-HEMBA1000282//ESTs//1.7e-16:164:79//Hs.123111:AA813186
- 25 F-HEMBA1000288//ESTs//5.4e-06:154:68//Hs.54174:N64406
- F-HEMBA1000290//Human novel homeobox mRNA for a DNA binding protein//3.8e-07:412:
61//Hs.37035:U07664
- 30 F-HEMBA1000302//EST//1.2e-41:238:94//Hs.147245:AI206095
- 35 F-HEMBA1000303
- F-HEMBA1000304//ESTs//3.5e-11:96:87//Hs.163057:AA728946
- 40 F-HEMBA1000307//EST//7.7e-05:280:62//Hs.146462:AI124898
- F-HEMBA1000327//ESTs//5.3e-92:435:99//Hs.100605:AA305965
- 45 F-HEMBA1000333//Human mRNA for KIAA0206 gene, partial cds//0.84:395:56//Hs.79299:
D86961
- 50 F-HEMBA1000338//ESTs, Moderately similar to novel stromal cell protein [M.musculus]//2.4e-
38:317:80//Hs.99189:X84712
- F-HEMBA1000351//Human Line-1 repeat mRNA with 2 open reading frames//0.020:334:
59//Hs.23094:M19503
- 55 F-HEMBA1000355//Myosin, heavy polypeptide 11, smooth muscle//0.11:336:61//Hs.78344:
AF001548

EP 1 074 617 A2

F-HEMBA1000356//H.sapiens ERF-2 mRNA//0.031:317:59//Hs.78909:U07802

5 F-HEMBA1000357//Human mRNA for KIAA0118 gene, partial cds//1.2e-50:441:78//Hs.154326:D42087

F-HEMBA1000366//ESTs//0.025 :56:87//Hs.141629:H74010

10

F-HEMBA1000369//Homo sapiens PAC clone DJ0669B10 from 7q33-q35//0.99:433:58//Hs.159899:AC004853

15 F-HEMBA1000376//Oxytocin receptor//3.4e-43:569:70//Hs.2820:X64878

F-HEMBA1000387//ESTs//8.2e-104:535:94//Hs.78110:AA741320

20 F-HEMBA1000390//Homo sapiens BAC clone RG119C02 from 7p15//2.3e-141:712:95//Hs.22900:AC004520

25 F-HEMBA1000392//Homo sapiens clone 24619 mRNA sequence//1.7e-47:461:74//Hs.139088:AF070533

F-HEMBA1000396//ESTs, Weakly similar to hypothetical protein [H.sapiens]//1.2e-26:351:70//Hs.138992:C14008

30

F-HEMBA1000411//EST//2.8e-27:401:71//Hs.138719:N52915

F-HEMBA1000418//ESTs//0.0094:375:61//Hs.40140:AI079253

35

F-HEMBA1000422//EST//6.2e-23:225:78//Hs.132635:A1032875

40 F-HEMBA1000428//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//7.6e-31:616:66//Hs.159897:AB007970

F-HEMBA1000434//EST//0.0031:157:64//Hs.162328:AA559034

45 F-HEMBA1000442//EST//1.0:201:61//Hs.162434:AA577398

F-HEMBA1000456//Fanconi anemia complementation group C//0.58:362:59//Hs.37953:X66893

50

F-HEMBA1000459//EST//9.2e-21:157:86//Hs.132635:AI032875

F-HEMBA1000460//ESTs//2.9e-77:409:95//Hs.27135:W49590

55

F-HEMBA1000464//ESTs//6.6e-17:365:65//Hs.150675:AA127853

EP 1 074 617 A2

F-HEMBA1000469

5 F-HEMBA1000488//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//0.15:253:58//Hs.104640:AF000561

10 F-HEMBA1000490//Homo sapiens kinectin mRNA, complete cds//0.71:539:56//Hs.82709:Z22551

F-HEMBA1000491//ESTs//2.0e-21:361:65//Hs.152453:AA864970

15 F-HEMBA1000501//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.5e-39:312:77//Hs.5247:AF029750

20 F-HEMBA1000504//Homo sapiens mRNA for osteoblast specific factor 2 (OSF-2os)//1.3e-08:57:100//Hs.155095:D13666

F-HEMBA1000505//Homo sapiens KE04p mRNA, complete cds//1.0:197:62//Hs.131962:AF064093

25 F-HEMBA1000508//EST//0.67:156:60//Hs.162898:AA659646

F-HEMBA1000518

30 F-HEMBA1000519//EST//6.8e-52:300:91//Hs.149580:AI281881

35 F-HEMBA1000520//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F [C.elegans]//2.9e-16:132:84//Hs.155871:AA533783

F-HEMBA1000523//ESTs, Highly similar to TESTIS-SPECIFIC PROTEIN PBS13 [Mus musculus]//2.1e-25:192:87//Hs.22383:R51067

40 F-HEMBA1000531//ESTs, Weakly similar to heat shock protein [H.sapiens]//2.4e-57:288:97//Hs.116022:AA455706

45 F-HEMBA1000534//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.8e-47:153:88//Hs.113283:AF018080

F-HEMBA1000540//ESTs//8.6e-07:60:100//Hs.109755:AA180809

50 F-HEMBA1000542//Human lysyl oxidase-like protein mRNA, complete cds//0.088:581:57//Hs.65436:U24389

55 F-HEMBA1000545//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//7.8e-106:731:83//Hs.139107:K00629

F-HEMBA1000555//Human mRNA for KIAA0242 gene, partial cds//0.75:283:58//Hs.77495:

EP 1 074 617 A2

D87684

- 5 F-HEMBA1000557//ESTs//3.9e-27:389:71//Hs.125087:AA495729
- F-HEMBA1000561//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.8e-64:665:72//Hs.137168:AB018303
- 10 F-HEMBA1000563//ESTs//3.8e-51:257:98//Hs.47122:AI338977
- F-HEMBA1000568//EST//0.12:270:61//Hs.134833 :AI091046
- 15 F-HEMBA1000569//H.sapiens mRNA encoding GPI-anchored protein p137//3.8e-19:409:62//Hs.119283:Z48042
- F-HEMBA1000575//EST//0.060:156:64//Hs.126277:AA826681
- 20 F-HEMBA1000588//ESTs, Weakly similar to weakly similar to myosin heavy chain [C.elegans]//7.7e-41:217:96//Hs.55084:AA479162
- 25 F-HEMBA1000591//Homo sapiens mRNA for E1B-55kDa-associated protein//2.3e-44:228:97//Hs.155218:AJ007509
- 30 F-HEMBA1000592//ESTs, Weakly similar to sorting nexin 1 [H.sapiens]//1.7e-27:463:65//Hs.13794:AA203241
- F-HEMBA1000594//Human clone 230971 defective mariner transposon Hsmar2 mRNA sequence//4.0e-68:574:79//Hs.159176:U92019
- 35 F-HEMBA1000604//ESTs//3.3e-21:158:74//Hs.142924:AI092535
- F-HEMBA1000608//Homo sapiens mRNA for KIAA0456 protein, partial cds//3.7e-120:561:99//Hs.5003:AB007925
- 40 F-HEMBA1000622//Homo sapiens DEC-205 mRNA, complete cds//5.2e-34:592:68//Hs.153563:AF011333
- 45 F-HEMBA1000636//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.coli]//7.4e-22:166:84//Hs.26252:AA643235
- 50 F-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds//2.1e-138:639:99//Hs.60103:AB014590
- 55 F-HEMBA1000655//ESTs//1.2e-54:503:77//Hs.140864:AA176174
- F-HEMBA1000657//Mucin 1, transmembrane//0.99:219:61//Hs.89603:J05582

EP 1 074 617 A2

F-HEMBA1000662//ESTs//2.2e-52:257:99//Hs.63243:AI123912

5 F-HEMBA1000673//H.sapiens mRNA for translin associated protein X//1.7e-47:366:79//Hs.96247:X95073

F-HEMBA1000682//Oxytocin receptor//4.7e-59:673:72//Hs.2820:X64878

10 F-HEMBA1000686

F-HEMBA1000702

15 F-HEMBA1000705//EST//0.047:363:60//Hs.136379:AA521309

F-HEMBA1000719//ESTs//2.7e-68:333:98//Hs.146195:AI039850

20 F-HEMBA1000722//ESTs//0.49:283:60//Hs.21108:N92630

F-HEMBA1000726//EST//1.1e-45:183:87//Hs.149580:AI281881

25 F-HEMBA1000727//ESTs//4.8e-95:442:100//Hs.22119:AA885491

F-HEMBA1000747

30 F-HEMBA1000749//ESTs//8.0e-14:108:77//Hs.154892:AI091568

F-HEMBA1000752//EST//1.3e-25:344:69//Hs.160992:H52716

35 F-HEMBA1000769//ESTs//0.0018:206:63//Hs.153268:AA887239

F-HEMBA1000773//ESTs//0.56:336:58//Hs.105964:N35803

40 F-HEMBA1000774//EST//4.0e-38:312:79//Hs.162197:AA535216

F-HEMBA1000791//ESTs//2.8e-87:413:99//Hs.112050:AA431300

45 F-HEMBA1000817//ESTs//5.6e-124:617:96//Hs.101366:AA167536

F-HEMBA1000822//ESTs//0.94:347:58//Hs.23905:AA928542

50 F-HEMBA1000827//EST//0.064:133:60//Hs.138738:N58367

F-HEMBA1000843

55 F-HEMBA1000851//Fragile X mental retardation 1//0.014:219:62//Hs.89764:X69962

F-HEMBA1000852//Arylsulfatase D//6.7e-38:244:75//Hs.43887:X83572

EP 1 074 617 A2

- F-HEMBA1000867
- 5 F-HEMBA1000869//ESTs//5.1 e-33:166:77//Hs.141186:R99609
- F-HEMBA1000870//EST//0.032:130:66//Hs.157351:AI367237
- 10 F-HEMBA1000872//ESTs//2.4e-20:134:92//Hs.155982:AA406047
- F-HEMBA1000876//EST//5.3e-20:233:72//Hs.124339:AA829660
- 15 F-HEMBA1000908//ESTs//5.4e-28:219:84//Hs.12247:AI203154
- F-HEMBA1000910//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2, 6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032//2.8e-11:309:65//Hs.4943:Z98046
- 20
- 25 F-HEMBA1000918//ESTs//0.11:234:59//Hs.96499:AA252537
- F-HEMBA1000919//Human mRNA for histone H1x, complete cds//0.18:221:64//Hs.109804: D64142
- 30
- F-HEMBA1000934//Homo sapiens mRNA for KIAA0547 protein, complete cds//3.8e-09:360: 62//Hs.36850:AB011119
- 35 F-HEMBA1000942//ESTs, Highly similar to PMS4 homolog mismatch repair protein [H.sapiens]//9.4e-10:77:93//Hs.111445:H00596
- F-HEMBA1000943//ESTs, Highly similar to ZINC FINGER PROTEIN 10 [Homo sapiens]//0.0039:54:92//Hs.58338:AA609476
- 40
- F-HEMBA1000946//Phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide-synthetase, phosphoribosylaminoimidazole synthetase//0.93: 132:66//Hs.82285:X54199
- 45
- F-HEMBA1000960//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]//0.080:128:71//Hs.118972:AA761369
- 50
- F-HEMBA1000968//Human transposon-like element mRNA//2.8e-95:352:87//Hs.84775: M23161
- 55 F-HEMBA1000971//ESTs//8.4e-88:417:98//Hs.128631:AI127903
- F-HEMBA1000972//EST//0.75:134:64//Hs.117228:AA682775

EP 1 074 617 A2

F-HEMBA1000974//ESTs//1.3e-103:497:98//Hs.126786:U74314

5 F-HEMBA1000975//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete
cds//1.3e-05:424:59//Hs.159564:AF061936

10 F-HEMBA1000985//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0492//0.0036:389:60//Hs.127338:AB007961

F-HEMBA1000986//ESTs//0.00025:272:64//Hs.12364:H09132

15 F-HEMBA1000991//Homo sapiens mRNA for Hrs, complete cds//3.9e-24:193:84//Hs.24756:
U43895

20 F-HEMBA1001007//EST//0.96:70:71//Hs.163258:AA828835

F-HEMBA1001008//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.9e-
43:472:74//Hs.46468:U45984

25 F-HEMBA1001009//Immunoglobulin mu//0.18:367:59//Hs.75758:X58529

F-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds//1.4e-140:661:
98//Hs.158287:AB007937

30 F-HEMBA1001019//EST//4.1e-14:251:68//Hs.148769:AI239572

35 F-HEMBA1001020//Von Hippel-Lindau syndrome//2.2e-28:253:69//Hs.78160:AF010238

F-HEMBA1001022

40 F-HEMBA1001024//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//6.8e-
28:376:72//Hs.159897:AB007970

45 F-HEMBA1001026//Homo sapiens klotho mRNA, complete cds//1.3e-05:745:57//Hs.94592:
AB005142

F-HEMBA1001043//ESTs//2.1e-28:448:67//Hs.112469:AA598515

50 F-HEMBA1001051//EST//3.1e-48:310:87//Hs.149580:AI281881

F-HEMBA1001052//EST//0.94:149:67//Hs.31216:AI017971

55 F-HEMBA1001059//N-ACETYLGALACTOSAMINE-6-SULFATASE PRECURSOR//4.6e-165:
777:98//Hs.159479:U06088

F-HEMBA1001060//ESTs//6.8e-14:150:78//Hs.24821:AA044813